

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072418\
 Data File : VX003652.D
 Acq On : 24 Jul 2018 21:35
 Operator : JC/SP
 Sample : VX0724WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

Quant Time: Jul 25 04:51:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	171029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	163391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	87050	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.51	113	68805	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.72	98	324323	60.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.56%	
62) 4-Bromofluorobenzene	11.14	95	96585	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24644	18.691	ug/l	100
3) Chloromethane	1.32	50	33283	19.163	ug/l	100
4) Vinyl Chloride	1.40	62	35745	20.122	ug/l	99
5) Bromomethane	1.64	94	21510	25.077	ug/l	95
6) Chloroethane	1.72	64	21690	17.535	ug/l	96
7) Trichlorofluoromethane	1.93	101	46860	20.493	ug/l	96
8) Diethyl Ether	2.19	74	19330	19.292	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28168	20.016	ug/l	96
10) Methyl Iodide	2.51	142	34241	20.078	ug/l	100
11) Tert butyl alcohol	3.08	59	41764	101.885	ug/l	100
12) 1,1-Dichloroethene	2.37	96	26028	19.438	ug/l	97
13) Acrolein	2.29	56	20690	102.242	ug/l	97
14) Allyl chloride	2.73	41	54068	19.371	ug/l	98
15) Acrylonitrile	3.15	53	98349	99.300	ug/l	100
16) Acetone	2.45	43	82176	102.002	ug/l	99
17) Carbon Disulfide	2.57	76	74502	19.343	ug/l	100
18) Methyl Acetate	2.78	43	48204	19.811	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	95506	20.195	ug/l	98
20) Methylene Chloride	2.85	84	32018	20.057	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	28708	19.938	ug/l	96
22) Diisopropyl ether	3.88	45	105448	20.690	ug/l	# 92
23) Vinyl Acetate	3.83	43	462904	106.030	ug/l	97
24) 1,1-Dichloroethane	3.70	63	57799	20.122	ug/l	99
25) 2-Butanone	4.71	43	125032	100.462	ug/l	98
26) 2,2-Dichloropropane	4.59	77	29089	16.017	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	31064	19.871	ug/l	96
28) Bromochloromethane	5.02	49	22184	19.246	ug/l	99
29) Tetrahydrofuran	5.17	42	80768	99.693	ug/l	97
30) Chloroform	5.22	83	52219	20.043	ug/l	100
31) Cyclohexane	5.57	56	45872	19.895	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	43098	19.918	ug/l	98
36) 1,1-Dichloropropene	5.80	75	39448	19.733	ug/l	99
37) Ethyl Acetate	4.87	43	46574	19.375	ug/l	99
38) Carbon Tetrachloride	5.79	117	37850	19.644	ug/l	95

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Quant Time: Jul 25 04:51:41 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42769	19.436	ug/l	98
40) Benzene	6.14	78	122129	20.644	ug/l	96
41) Methacrylonitrile	5.07	41	26327	19.778	ug/l	96
42) 1,2-Dichloroethane	6.20	62	41822	20.085	ug/l	100
43) Isopropyl Acetate	6.48	43	70942	20.230	ug/l	99
44) Trichloroethene	7.21	130	30731	19.374	ug/l	99
45) 1,2-Dichloropropane	7.52	63	31523	20.613	ug/l	97
46) Dibromomethane	7.67	93	19856	20.212	ug/l	99
47) Bromodichloromethane	7.90	83	36401	19.763	ug/l	98
48) Methyl methacrylate	7.78	41	35911	20.180	ug/l	99
49) 1,4-Dioxane	7.76	88	16192	407.842	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	267509	113.057	ug/l	98
52) Toluene	8.79	92	85938	23.370	ug/l	96
53) t-1,3-Dichloropropene	8.44	75	49013	21.841	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	45069	22.100	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	32638	21.713	ug/l	94
56) Ethyl methacrylate	9.18	69	47123	21.066	ug/l	96
57) 1,3-Dichloropropane	9.38	76	51921	20.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	130224	115.851	ug/l	98
59) 2-Hexanone	9.50	43	183741	101.233	ug/l	100
60) Dibromochloromethane	9.59	129	28461	19.962	ug/l	100
61) 1,2-Dibromoethane	9.68	107	31656	20.225	ug/l	100
64) Tetrachloroethene	9.34	164	30484	20.407	ug/l	92
65) Chlorobenzene	10.14	112	81342	19.782	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	27825	19.464	ug/l	98
67) Ethyl Benzene	10.26	91	137582	19.988	ug/l	100
68) m/p-Xylenes	10.36	106	106758	40.430	ug/l	100
69) o-Xylene	10.70	106	51253	20.162	ug/l	99
70) Styrene	10.71	104	86516	20.261	ug/l	99
71) Bromoform	10.86	173	21588	19.097	ug/l #	100
73) Isopropylbenzene	11.02	105	137720	20.919	ug/l	99
74) N-amyl acetate	6.48	43	70942	20.661	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47879	19.694	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	52849	26.149	ug/l	83
77) Bromobenzene	11.26	156	36583	20.460	ug/l	99
78) n-propylbenzene	11.36	91	158859	20.898	ug/l	100
79) 2-Chlorotoluene	11.42	91	94947	20.550	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	117049	21.015	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	12084	18.525	ug/l	94
82) 4-Chlorotoluene	11.51	91	111554	20.497	ug/l	100
83) tert-Butylbenzene	11.77	119	111470	20.453	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	120517	21.053	ug/l	100
85) sec-Butylbenzene	11.95	105	135069	20.764	ug/l	100
86) p-Isopropyltoluene	12.07	119	119228	20.421	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	67120	20.156	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	68169	19.690	ug/l	98
89) n-Butylbenzene	12.39	91	102748	19.525	ug/l	99
90) Hexachloroethane	12.60	117	17838	20.174	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	67417	19.815	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	10036	19.831	ug/l	100

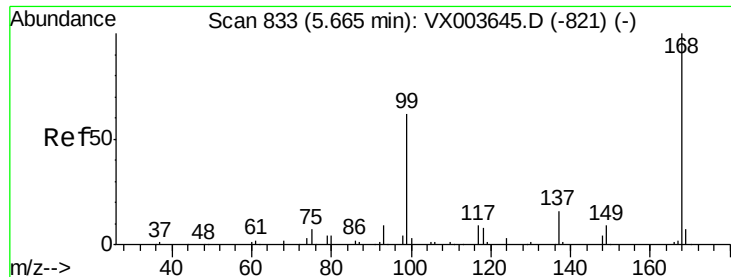
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072418\
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Quant Title : SW846 8260
QLast Update : Wed Jul 25 04:33:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46428	19.124	ug/l	100
94) Hexachlorobutadiene	13.79	225	21118	18.802	ug/l	99
95) Naphthalene	13.83	128	147813	20.131	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48887	19.825	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

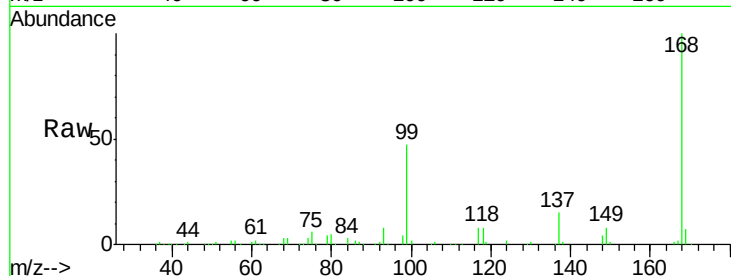
VX0725MBL01

Tgt Ion:168 Resp: 115767

Ion Ratio Lower Upper

168 100

99 46.8 49.5 74.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

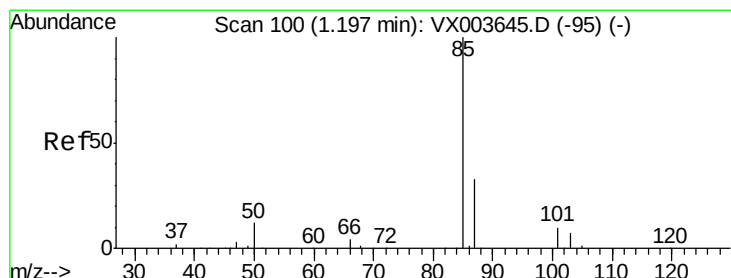
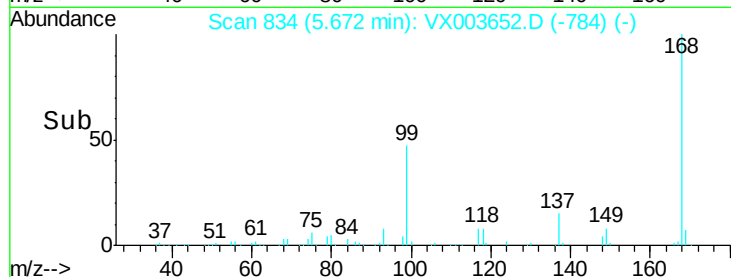
20000

10000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.691 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003652.D

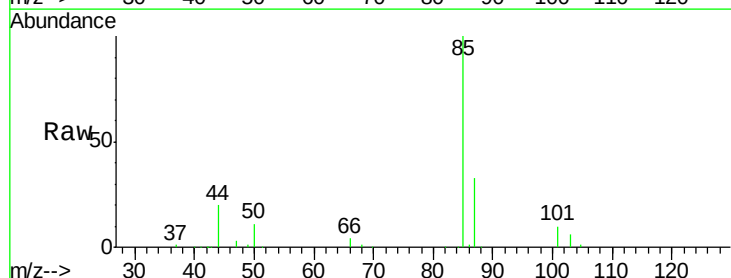
Acq: 24 Jul 2018 21:35

Tgt Ion: 85 Resp: 24644

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

15000

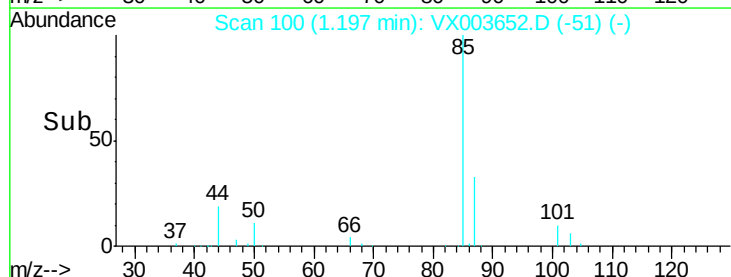
10000

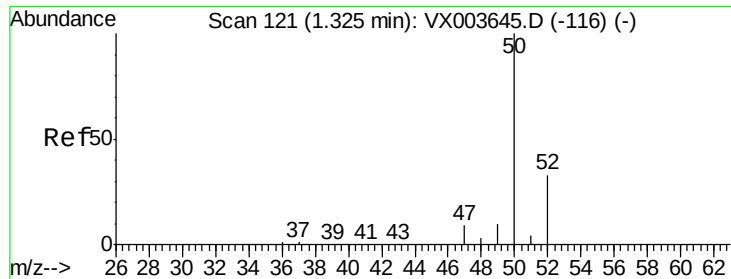
5000

0

1.15 1.20 1.25

Time-->

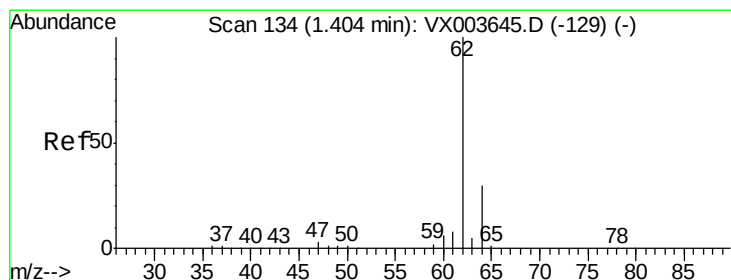
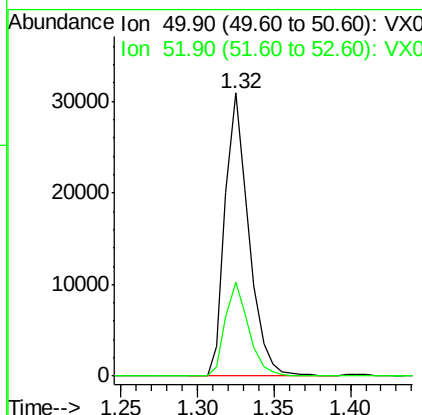
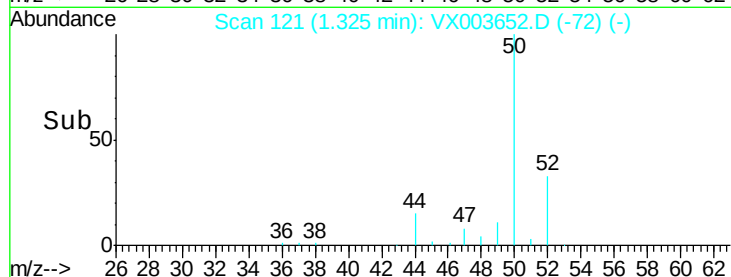
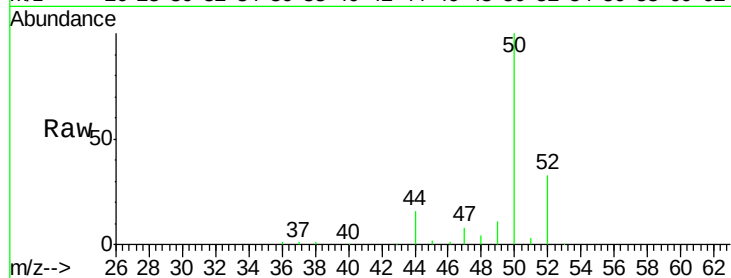




#3
Chloromethane
Concen: 19.163 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

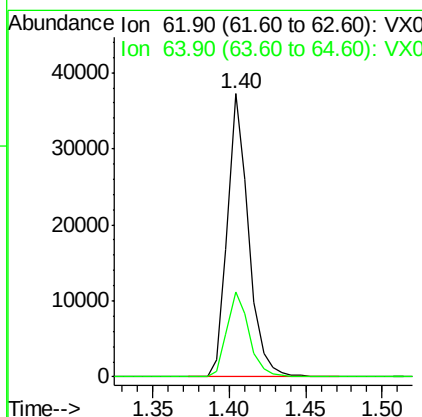
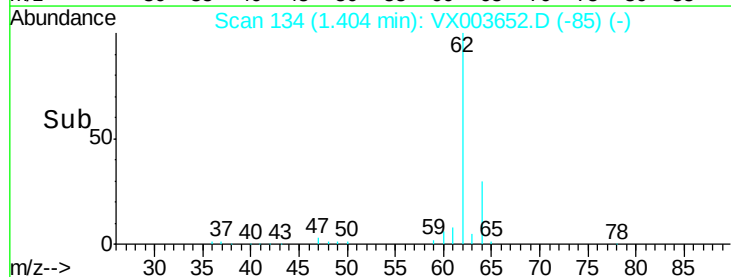
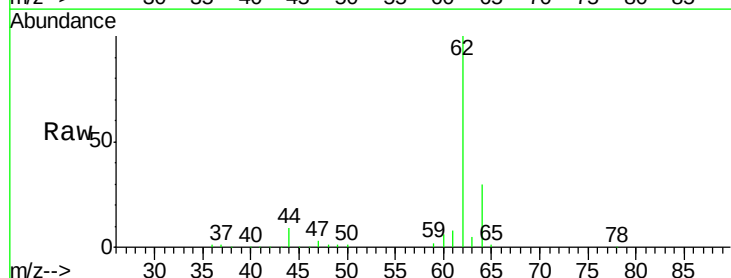
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

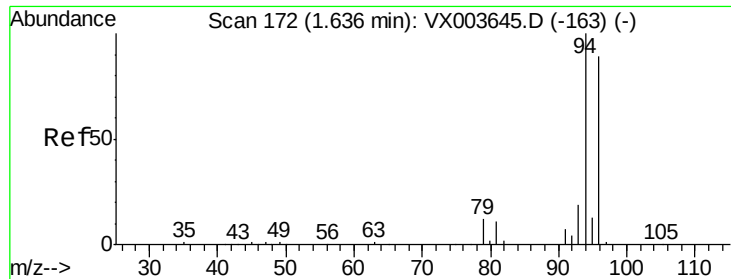
Tgt Ion: 50 Resp: 33283
Ion Ratio Lower Upper
50 100
52 33.0 26.3 39.5



#4
Vinyl Chloride
Concen: 20.122 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 62 Resp: 35745
Ion Ratio Lower Upper
62 100
64 29.9 24.4 36.6





#5

Bromomethane

Concen: 25.077 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

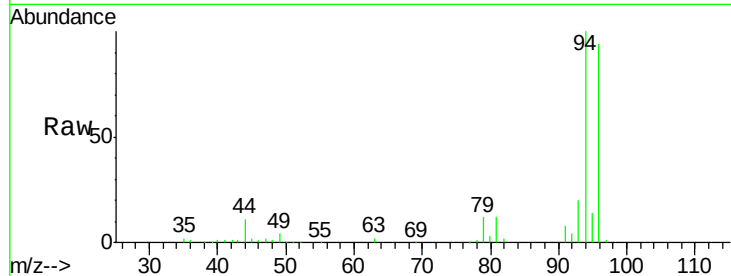
VX0725MBL01

Tgt Ion: 94 Resp: 21510

Ion Ratio Lower Upper

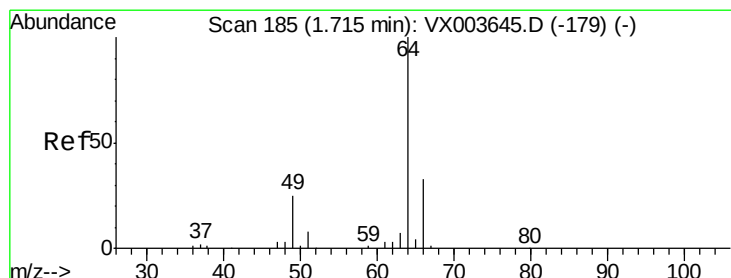
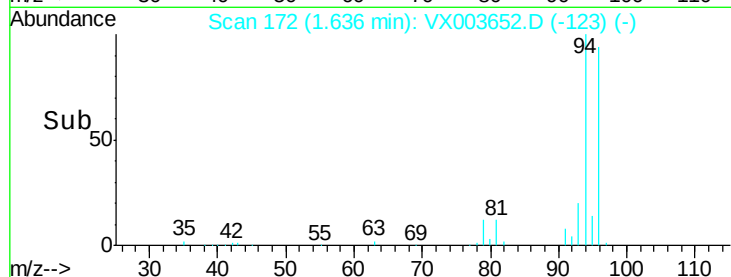
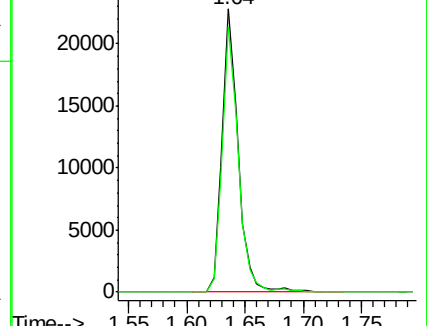
94 100

96 93.6 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.535 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003652.D

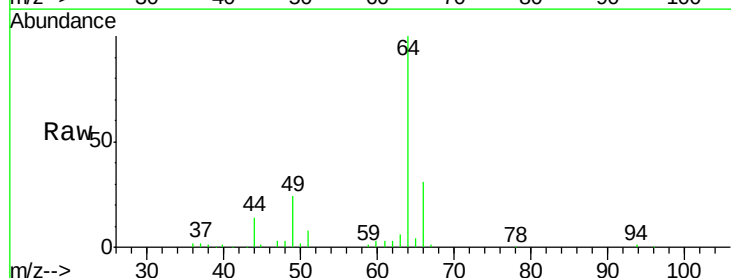
Acq: 24 Jul 2018 21:35

Tgt Ion: 64 Resp: 21690

Ion Ratio Lower Upper

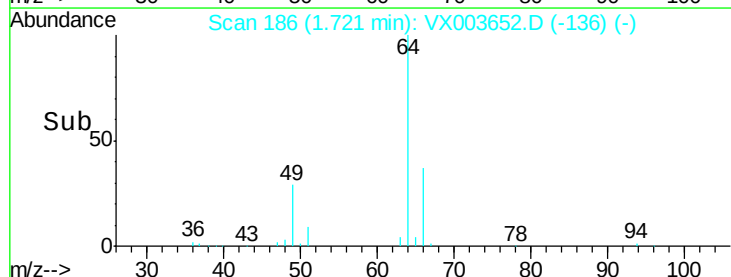
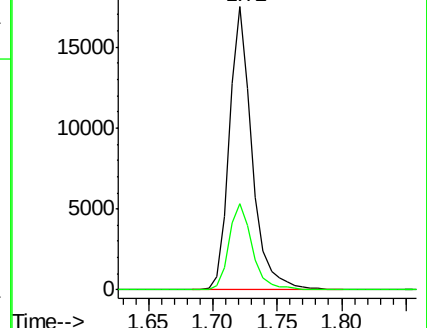
64 100

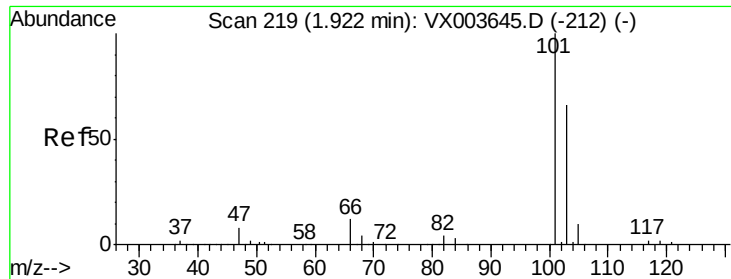
66 30.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



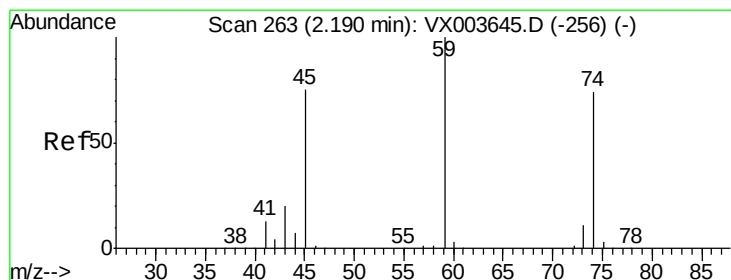
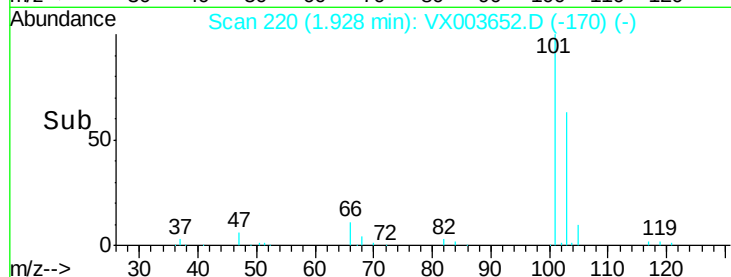
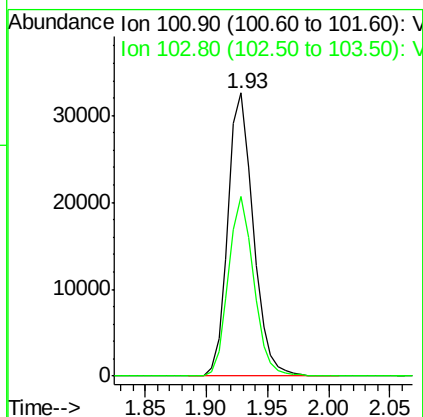
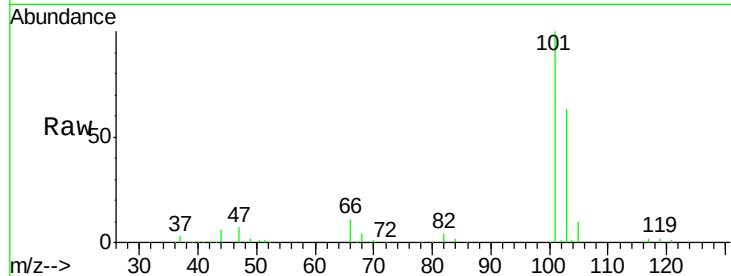


#7

Trichlorofluoromethane
 Concen: 20.493 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

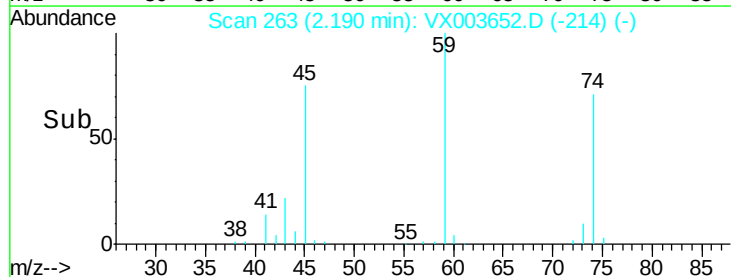
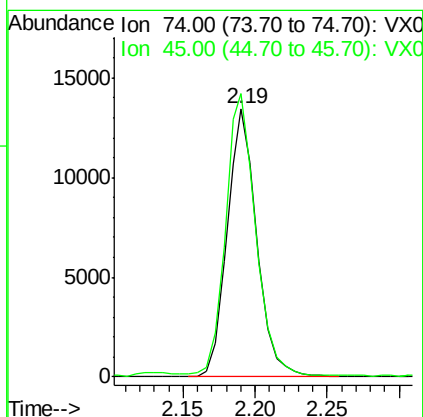
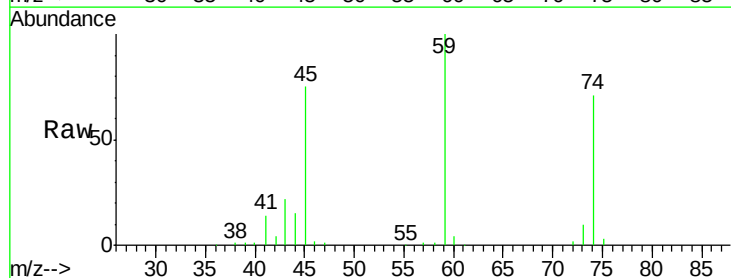
Tgt Ion:101 Resp: 46860
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.2 79.8

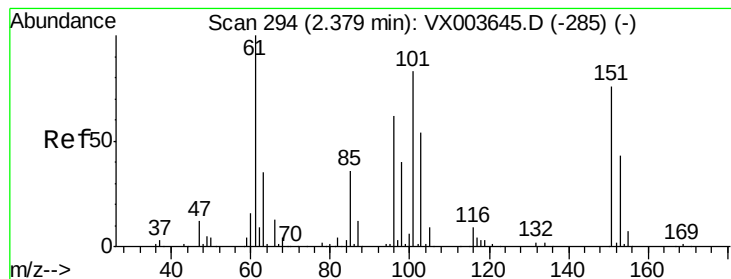


#8

Diethyl Ether
 Concen: 19.292 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 74 Resp: 19330
 Ion Ratio Lower Upper
 74 100
 45 107.7 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.016 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

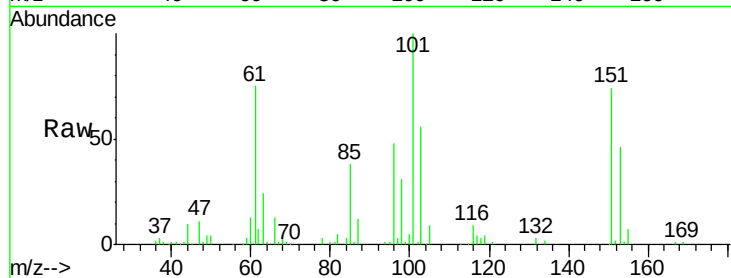
Tgt Ion:101 Resp: 28168

Ion Ratio Lower Upper

101 100

85 42.9 34.6 52.0

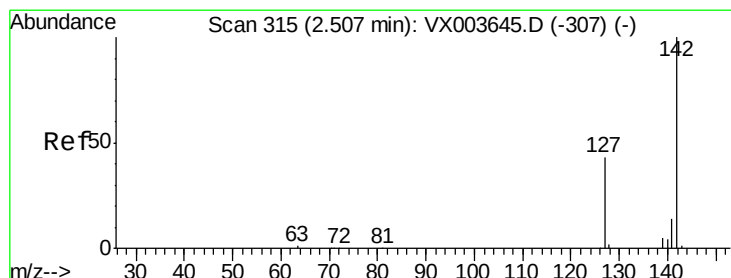
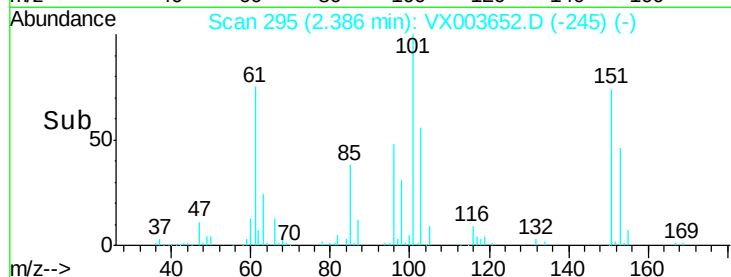
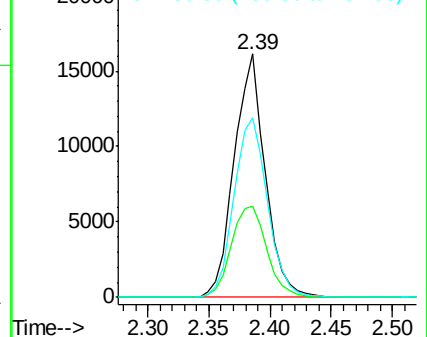
151 79.7 67.5 101.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.078 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

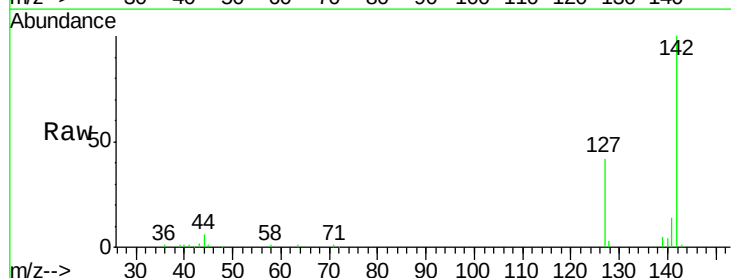
Tgt Ion:142 Resp: 34241

Ion Ratio Lower Upper

142 100

127 42.6 34.0 51.0

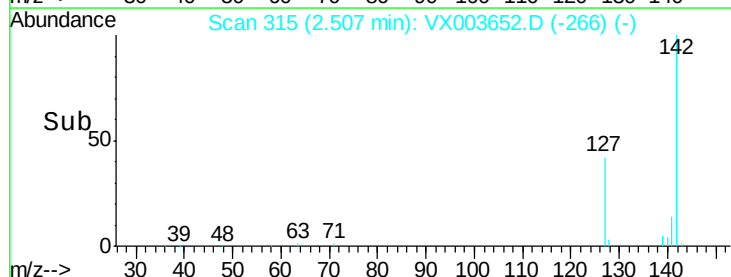
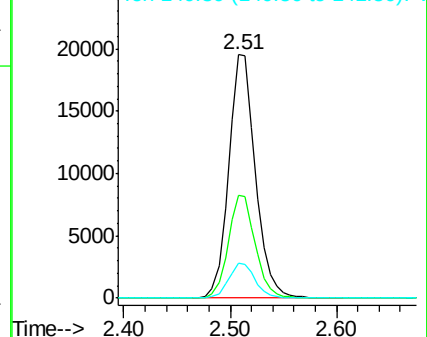
141 14.1 11.3 16.9

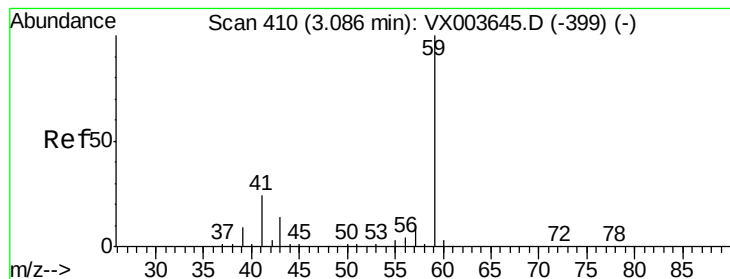


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



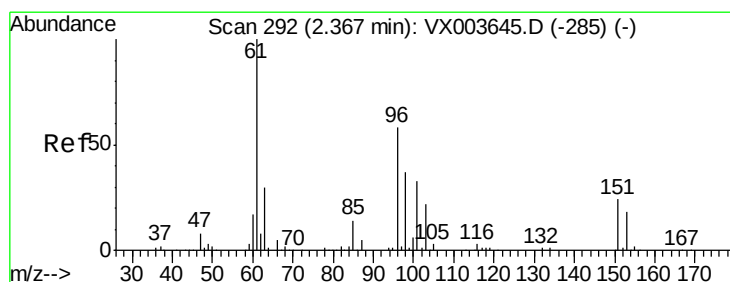
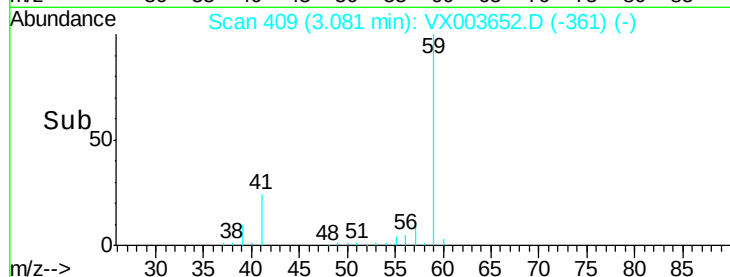
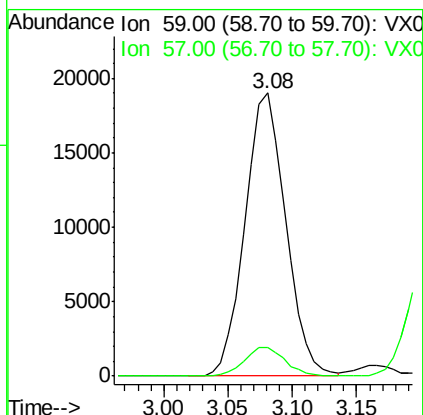
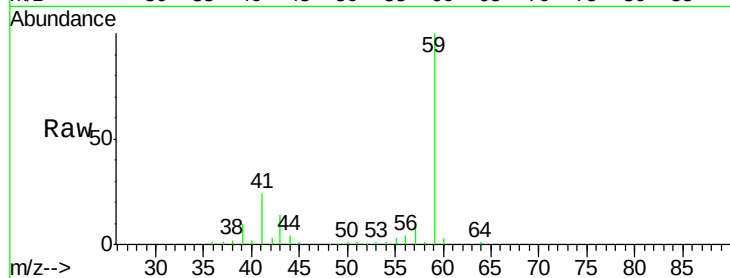


#11

Tert butyl alcohol
 Concen: 101.885 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

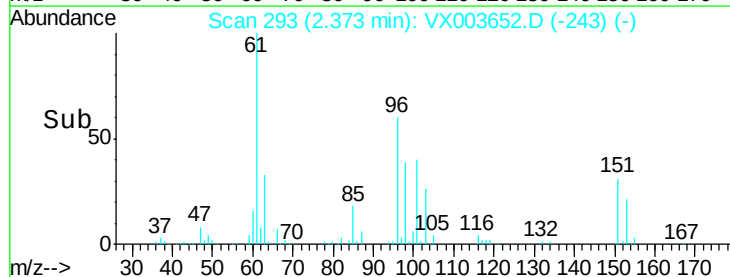
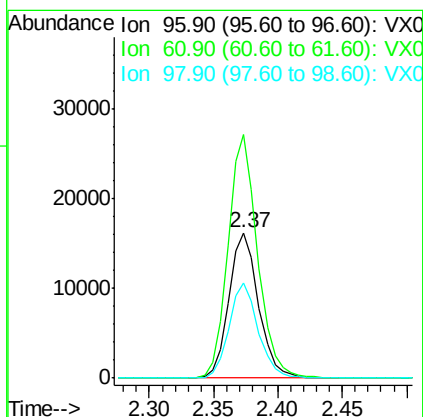
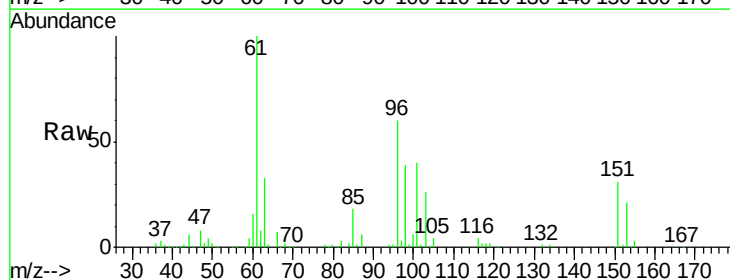
Tgt Ion: 59 Resp: 41764
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

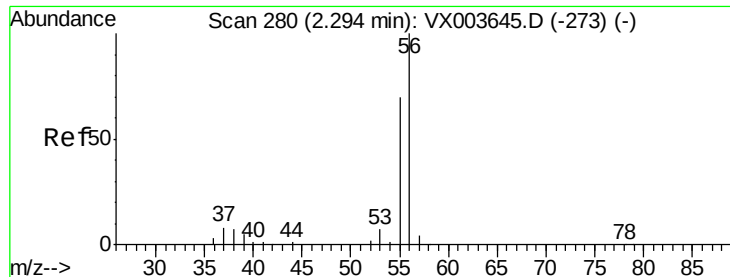


#12

1,1-Dichloroethene
 Concen: 19.438 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 96 Resp: 26028
 Ion Ratio Lower Upper
 96 100
 61 167.4 138.8 208.2
 98 65.1 51.4 77.2





#13

Acrolein

Concen: 102.242 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

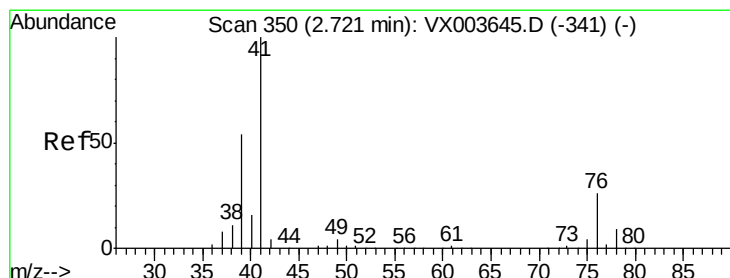
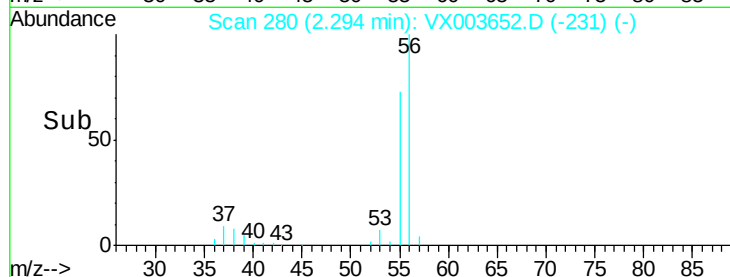
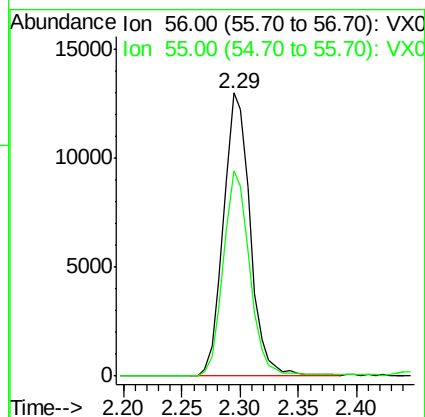
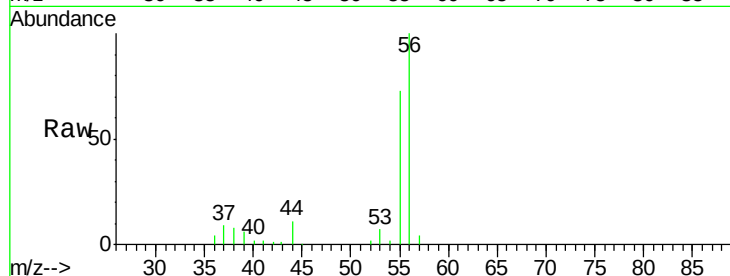
VX0725MBL01

Tgt Ion: 56 Resp: 20690

Ion Ratio Lower Upper

56 100

55 72.0 55.4 83.2



#14

Allyl chloride

Concen: 19.371 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

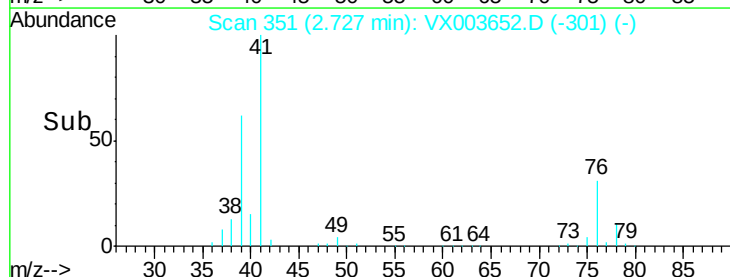
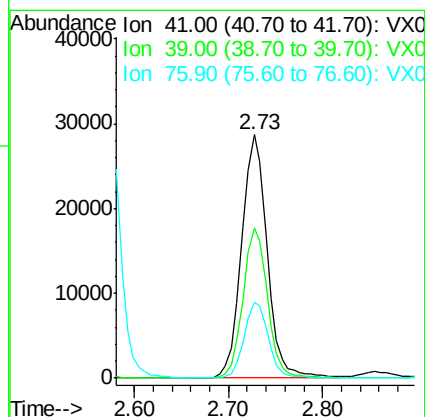
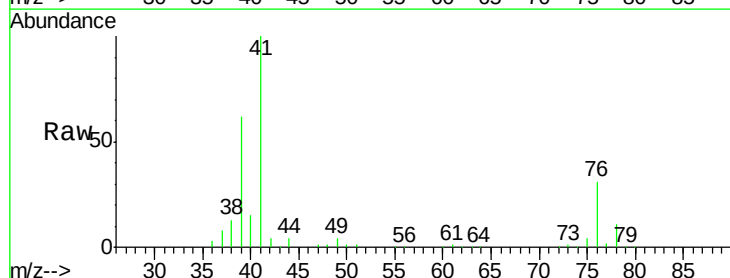
Tgt Ion: 41 Resp: 54068

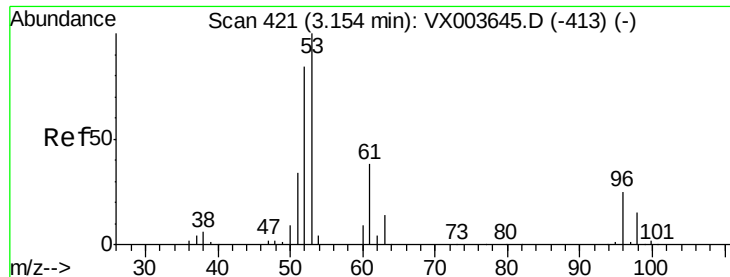
Ion Ratio Lower Upper

41 100

39 59.4 45.3 67.9

76 29.7 23.8 35.6





#15

Acrylonitrile

Concen: 99.300 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

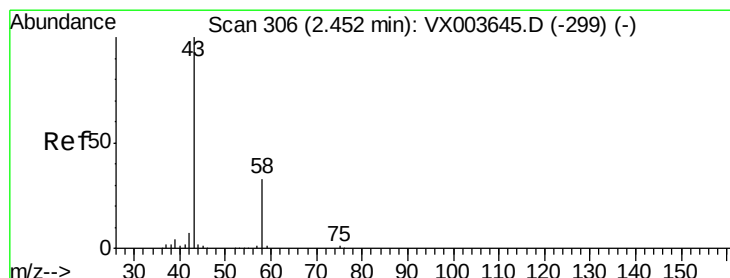
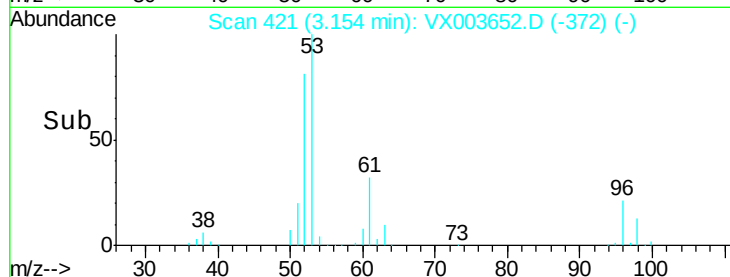
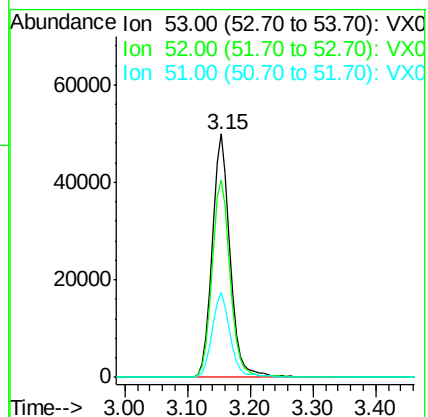
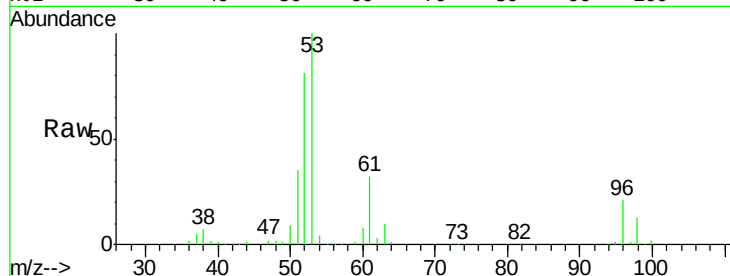
Tgt Ion: 53 Resp: 98349

Ion Ratio Lower Upper

53 100

52 82.5 66.1 99.1

51 34.9 28.2 42.4



#16

Acetone

Concen: 102.002 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003652.D

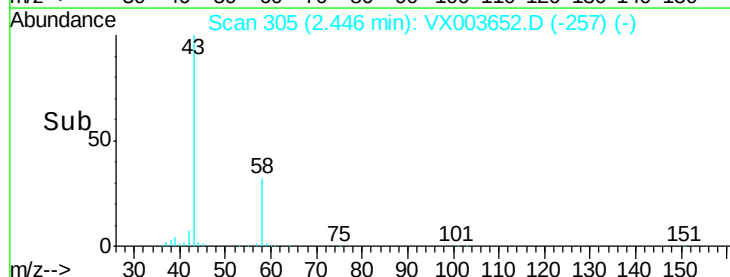
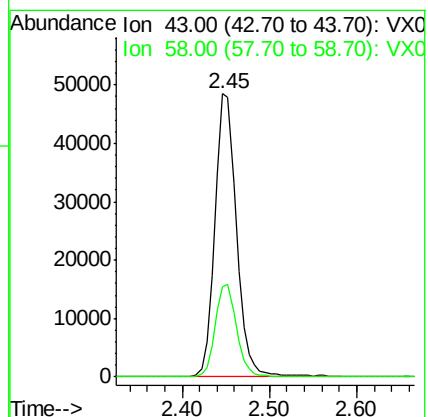
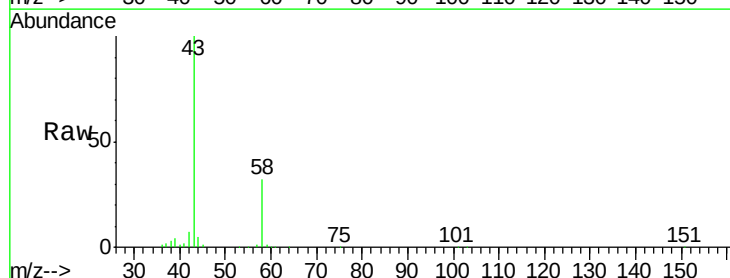
Acq: 24 Jul 2018 21:35

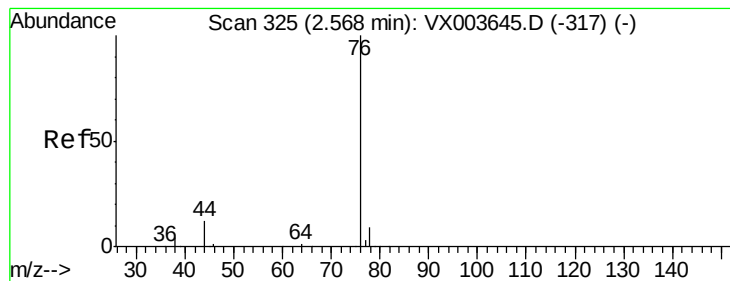
Tgt Ion: 43 Resp: 82176

Ion Ratio Lower Upper

43 100

58 32.0 26.1 39.1





#17

Carbon Disulfide

Concen: 19.343 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

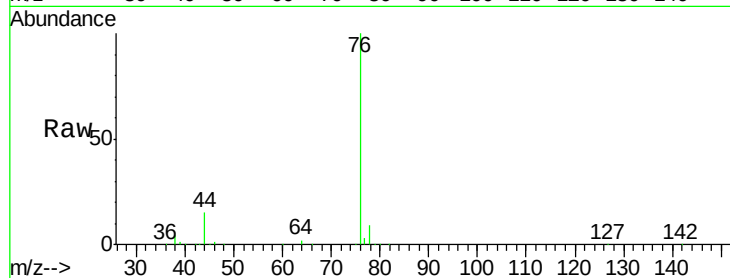
VX0725MBL01

Tgt Ion: 76 Resp: 74502

Ion Ratio Lower Upper

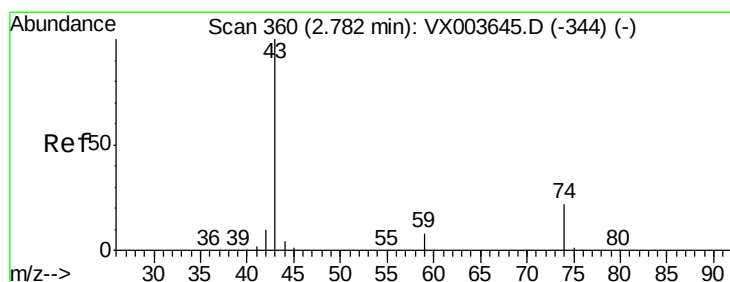
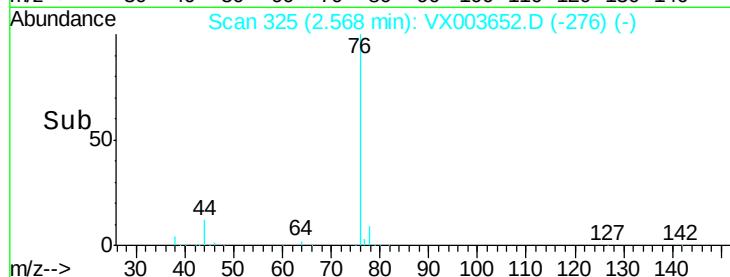
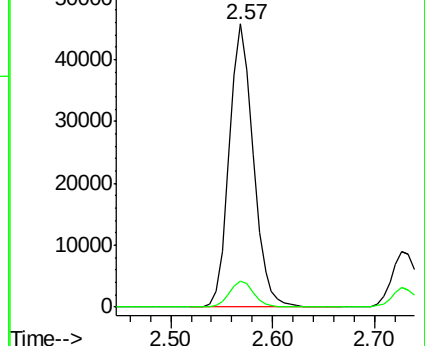
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.811 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003652.D

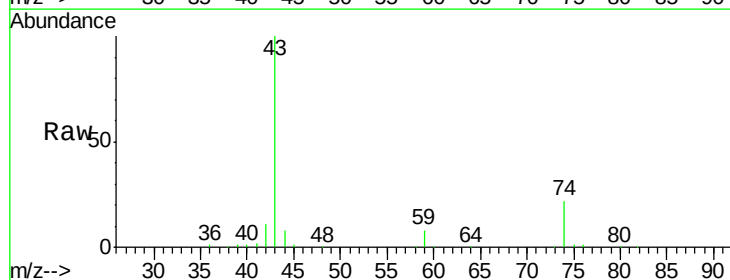
Acq: 24 Jul 2018 21:35

Tgt Ion: 43 Resp: 48204

Ion Ratio Lower Upper

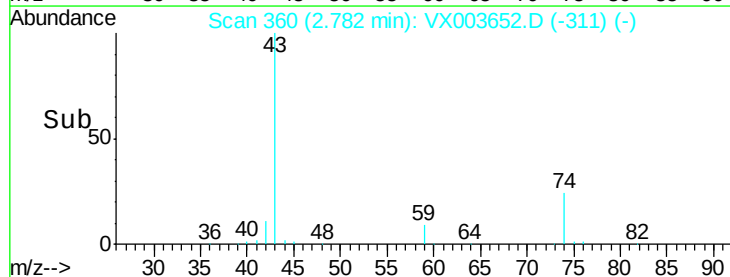
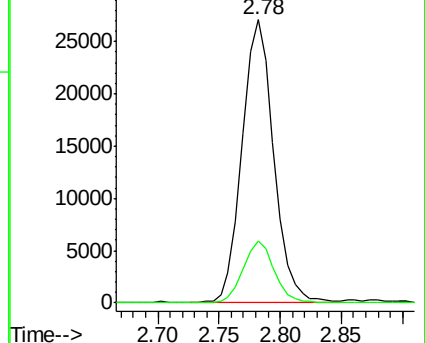
43 100

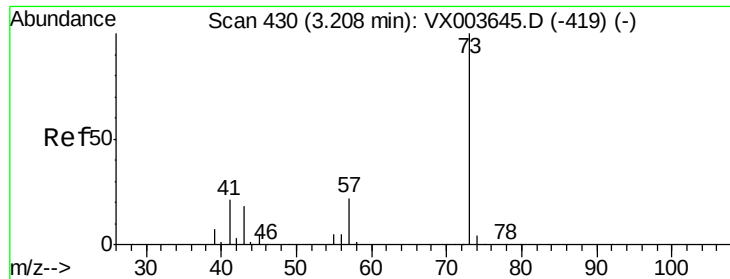
74 21.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

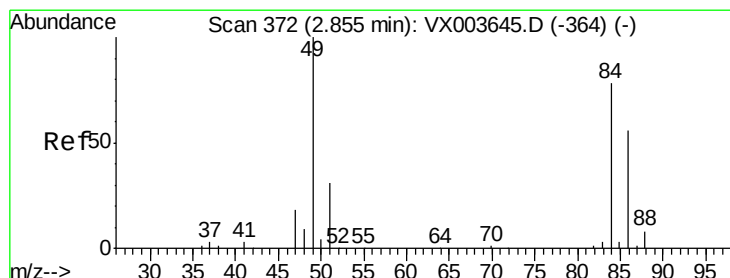
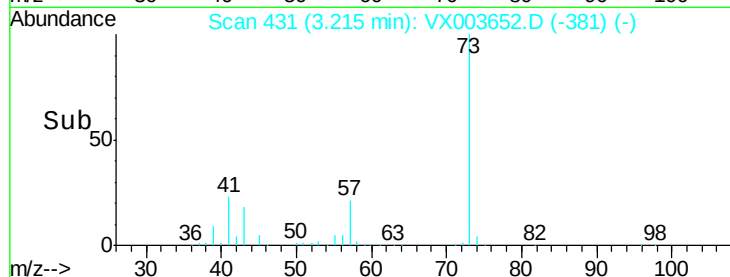
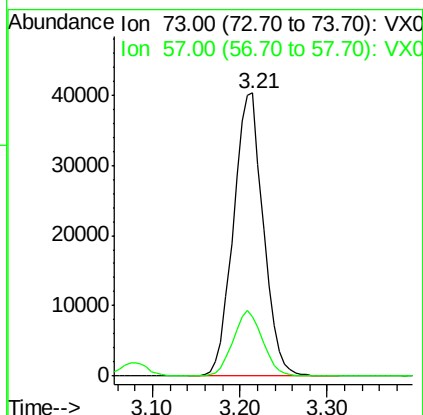
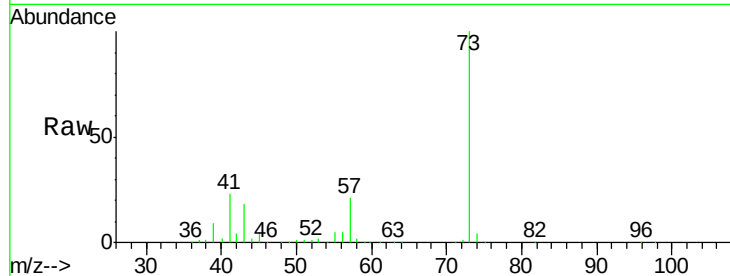




#19
Methyl tert-butyl Ether
Concen: 20.195 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

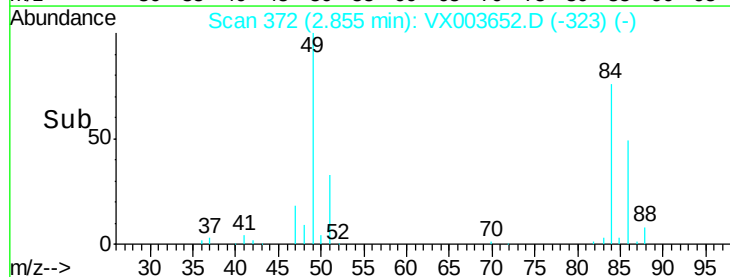
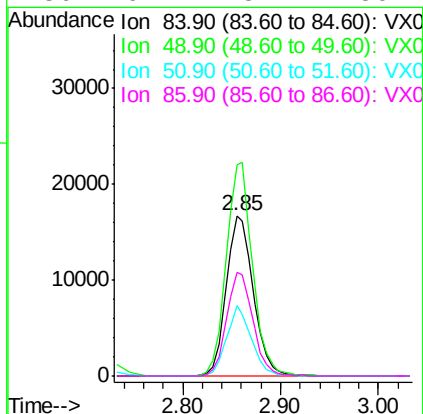
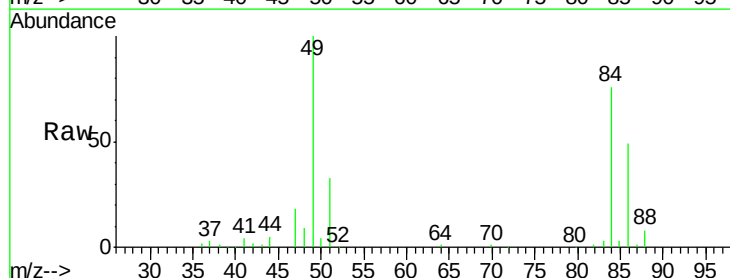
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

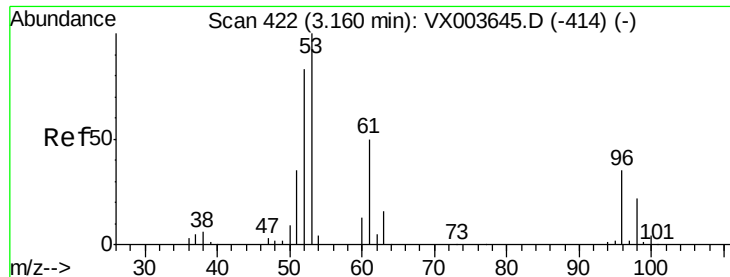
Tgt Ion: 73 Resp: 95506
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.2



#20
Methylene Chloride
Concen: 20.057 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 84 Resp: 32018
Ion Ratio Lower Upper
84 100
49 132.2 102.3 153.5
51 43.6 31.8 47.8
86 64.7 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 19.938 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

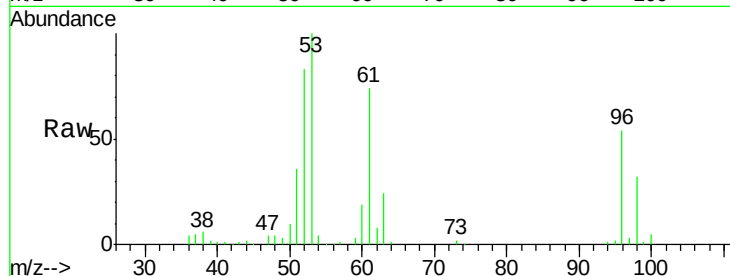
Tgt Ion: 96 Resp: 28708

Ion Ratio Lower Upper

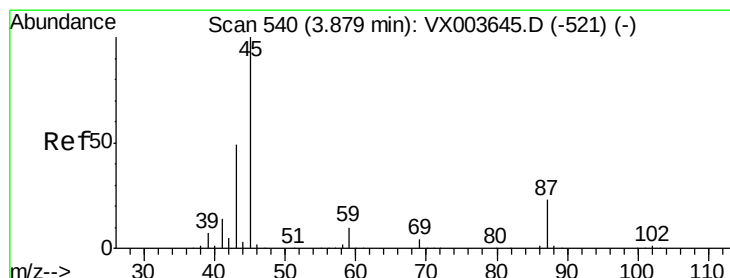
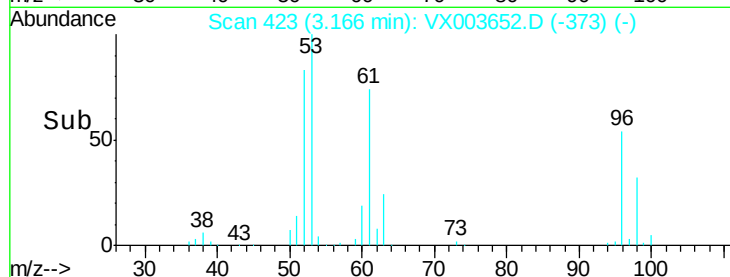
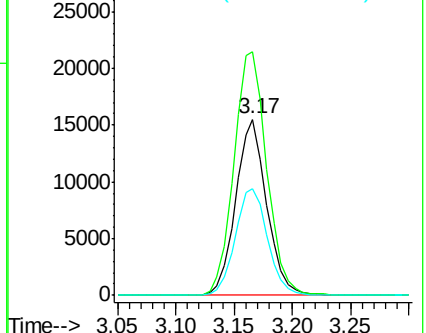
96 100

61 138.1 115.0 172.4

98 60.3 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.690 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Tgt Ion: 45 Resp: 105448

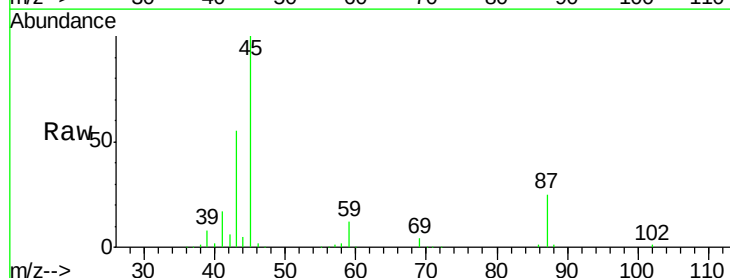
Ion Ratio Lower Upper

45 100

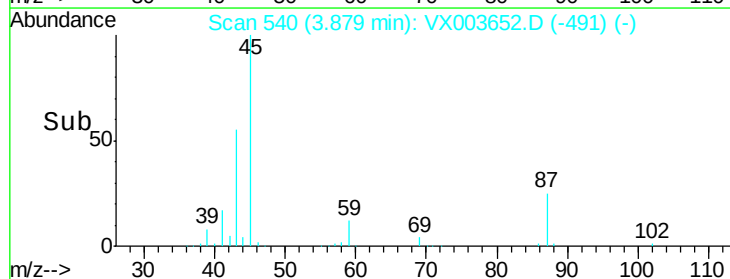
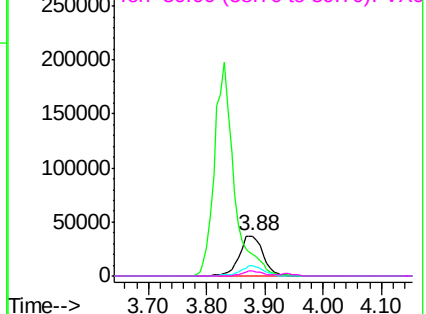
43 54.9 39.0 58.4

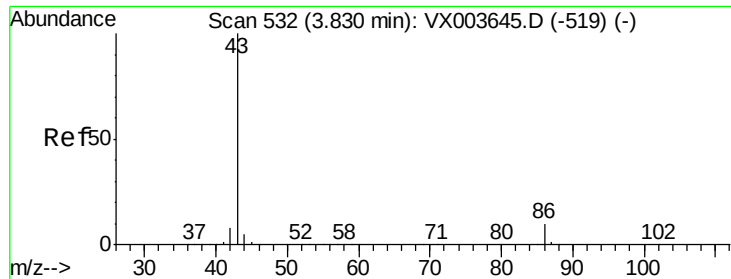
87 25.4 18.4 27.6

59 12.0 7.8 11.8#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 106.030 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

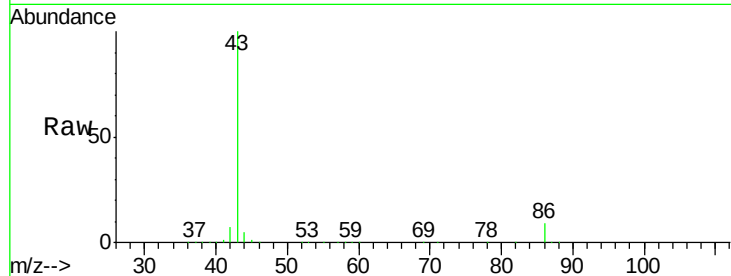
VX0725MBL01

Tgt Ion: 43 Resp: 462904

Ion Ratio Lower Upper

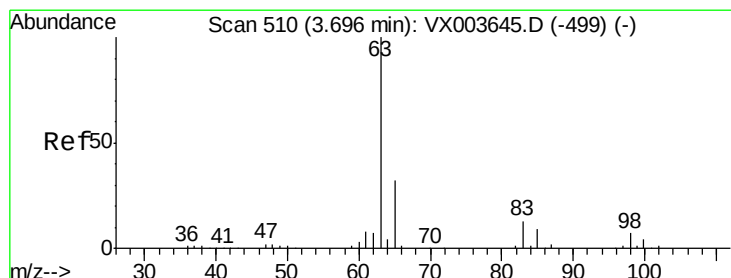
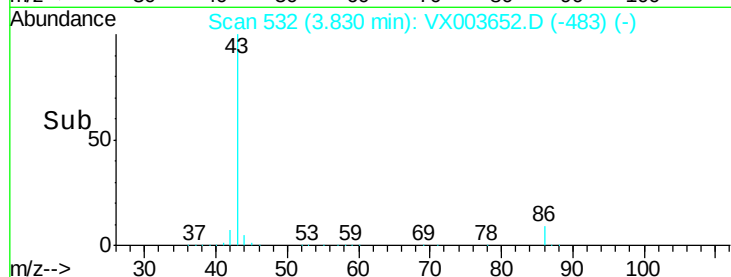
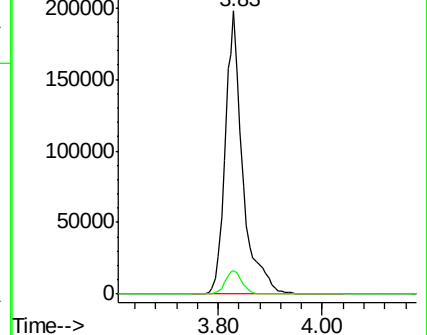
43 100

86 8.5 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.122 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

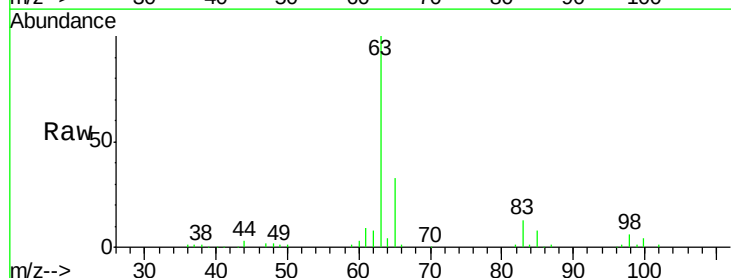
Tgt Ion: 63 Resp: 57799

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

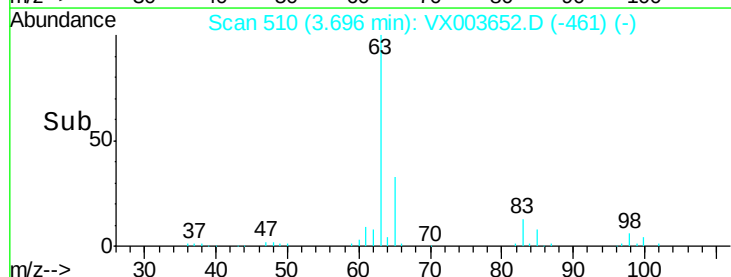
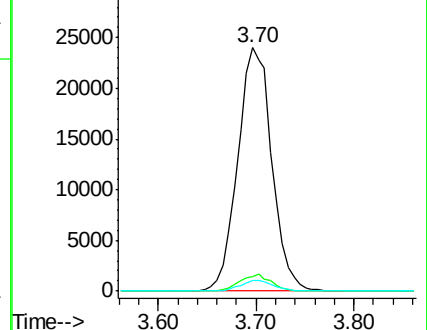
100 4.3 2.1 6.3

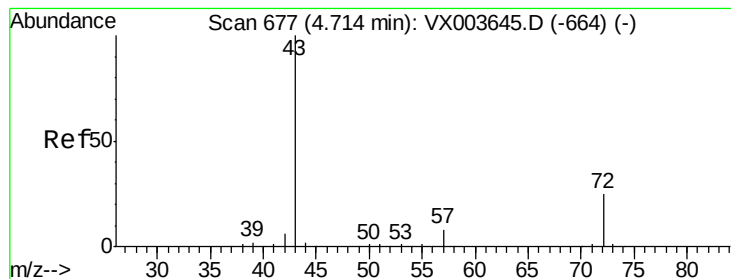


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.462 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

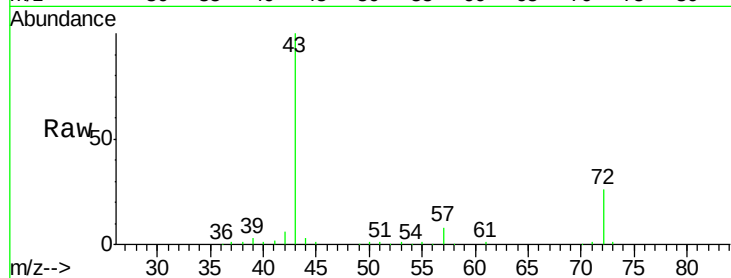
VX0725MBL01

Tgt Ion: 43 Resp: 125032

Ion Ratio Lower Upper

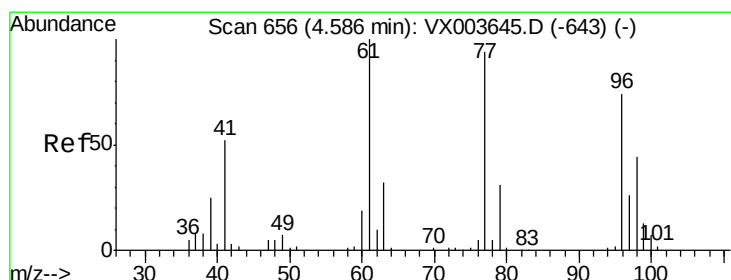
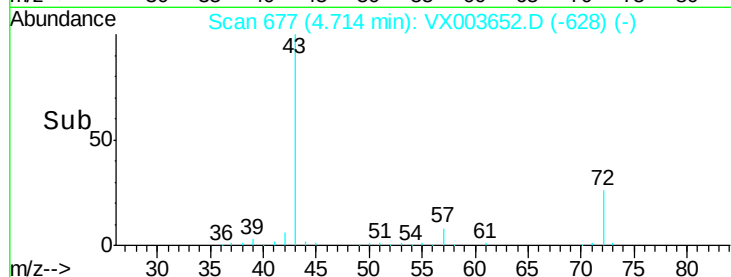
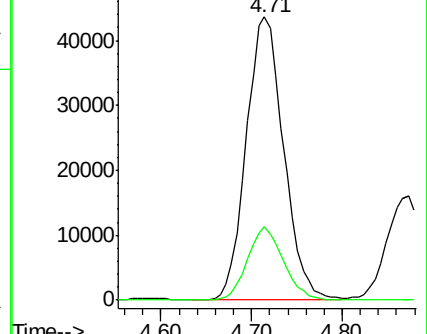
43 100

72 26.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.017 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003652.D

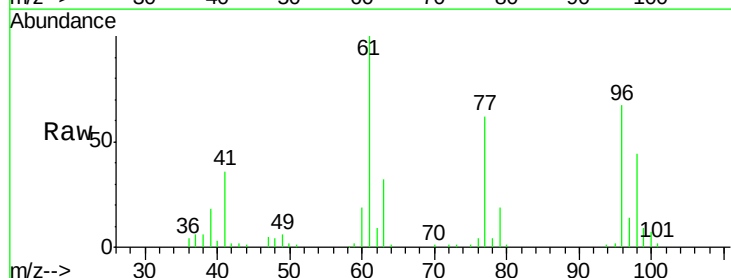
Acq: 24 Jul 2018 21:35

Tgt Ion: 77 Resp: 29089

Ion Ratio Lower Upper

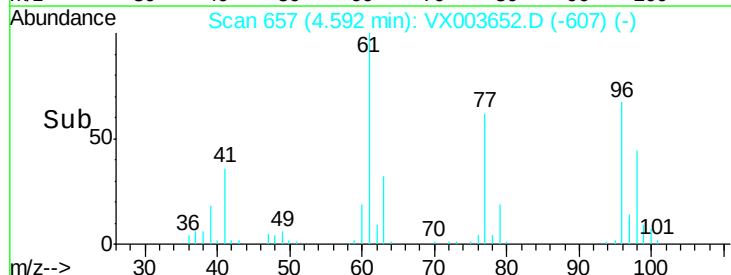
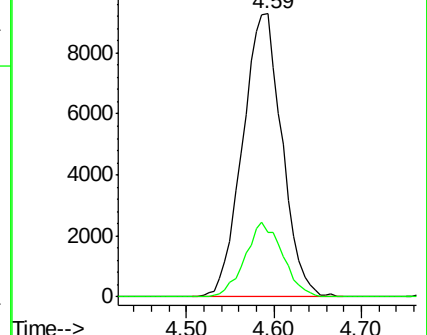
77 100

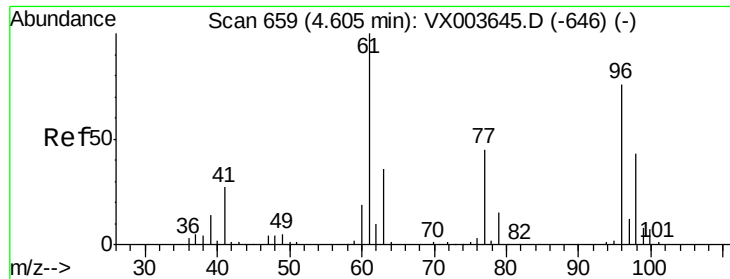
97 25.1 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



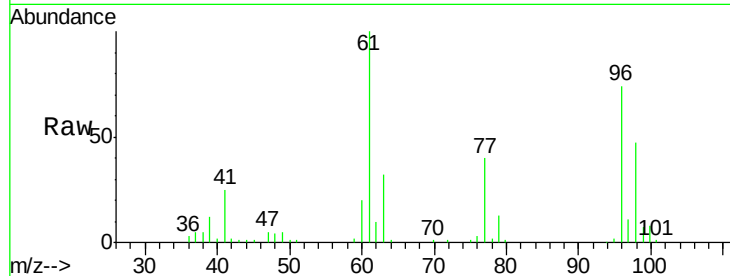


#27

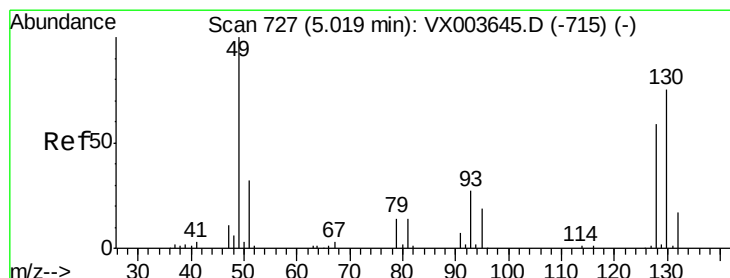
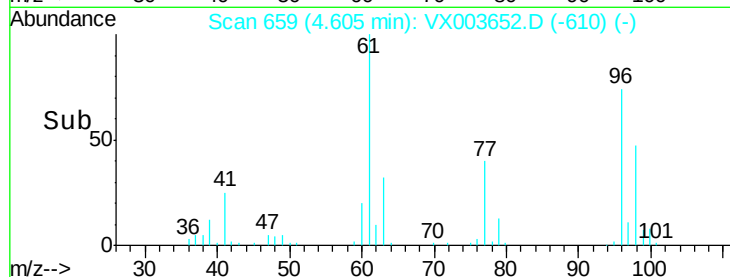
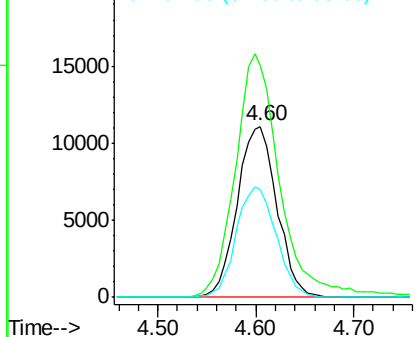
cis-1,2-Dichloroethene
 Concen: 19.871 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

Tgt Ion: 96 Resp: 31064
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 313.6
 98 65.4 0.0 125.6



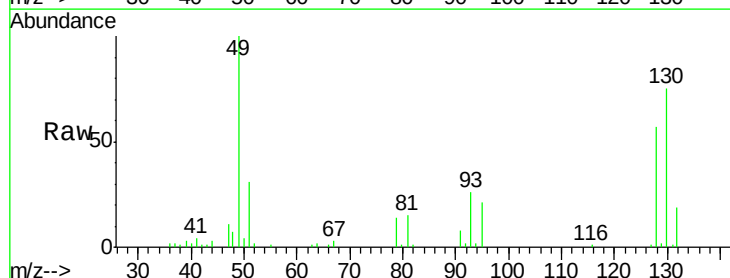
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



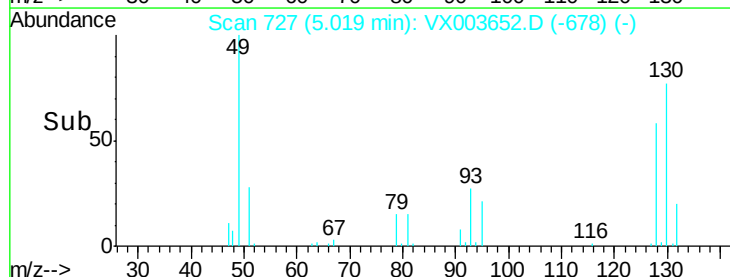
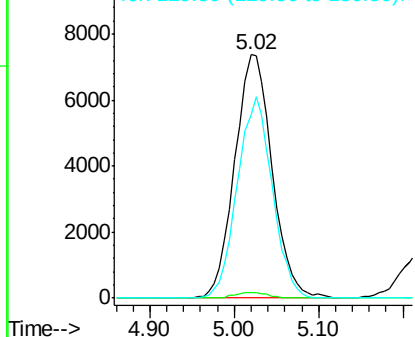
#28

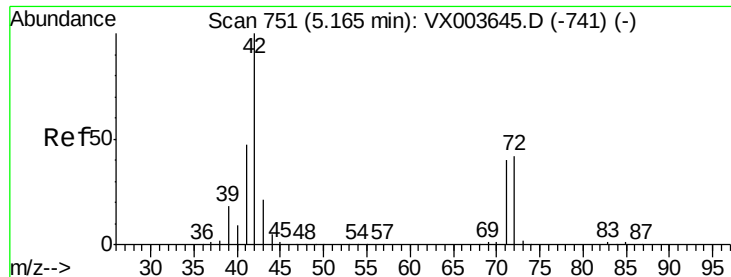
Bromochloromethane
 Concen: 19.246 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 49 Resp: 22184
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 76.9 61.0 91.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

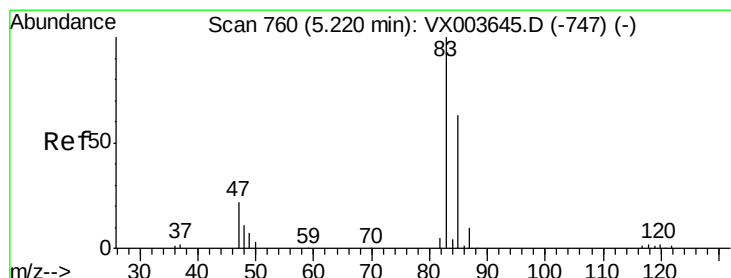
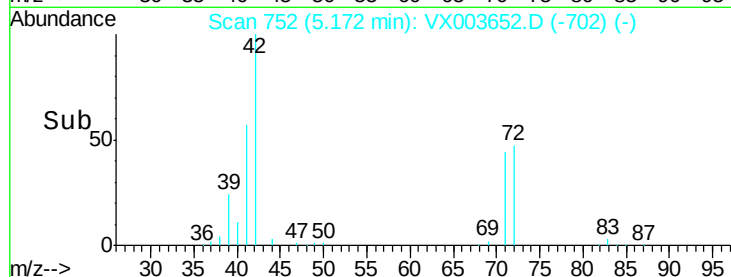
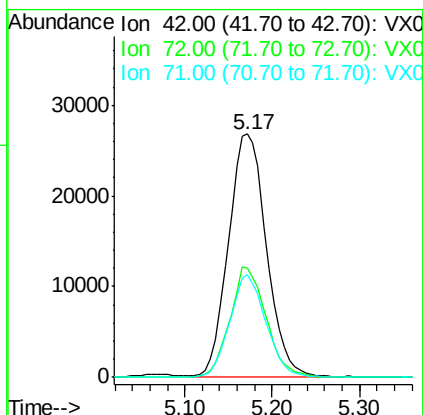
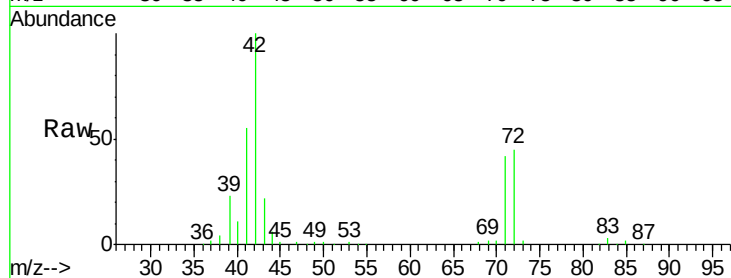




#29
Tetrahydrofuran
Concen: 99.693 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

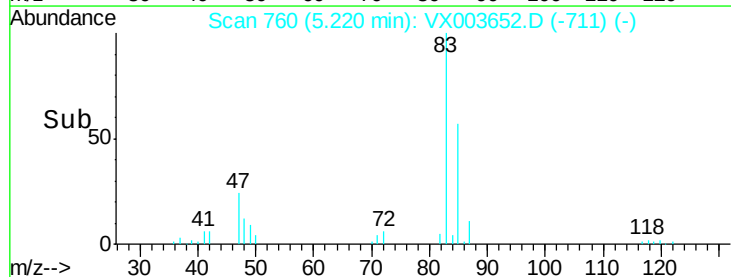
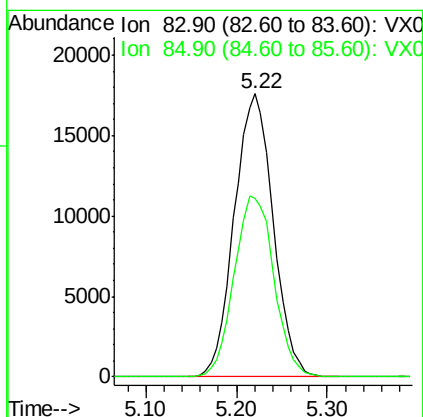
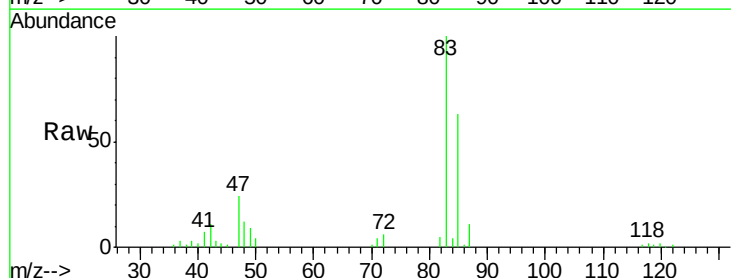
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

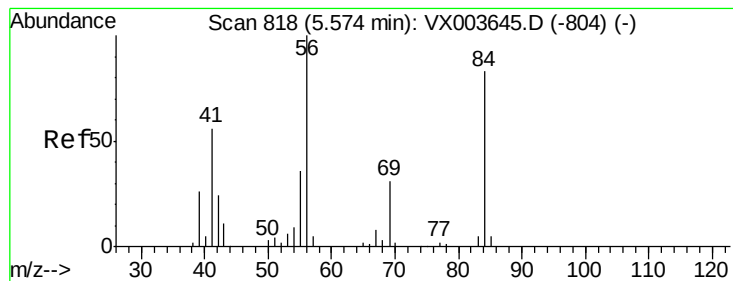
Tgt Ion: 42 Resp: 80768
Ion Ratio Lower Upper
42 100
72 43.4 33.4 50.0
71 40.4 31.0 46.6



#30
Chloroform
Concen: 20.043 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 83 Resp: 52219
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4





#31

Cyclohexane

Concen: 19.895 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

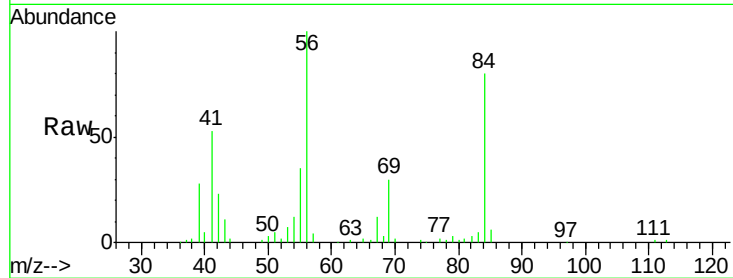
Tgt Ion: 56 Resp: 45872

Ion Ratio Lower Upper

56 100

69 29.7 25.0 37.6

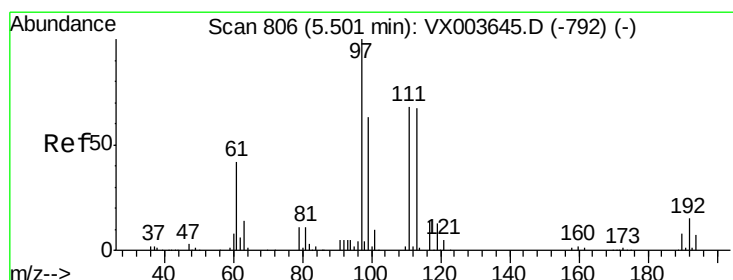
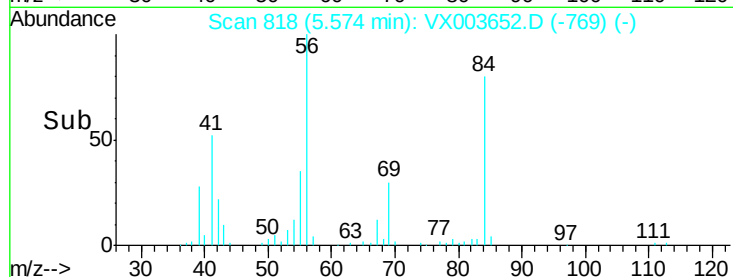
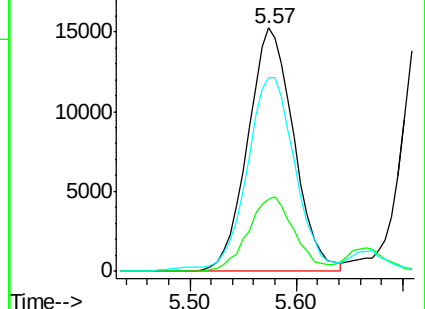
84 77.7 66.5 99.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.918 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

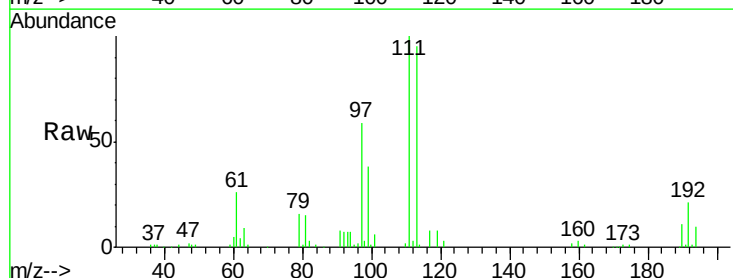
Tgt Ion: 97 Resp: 43098

Ion Ratio Lower Upper

97 100

99 64.3 50.4 75.6

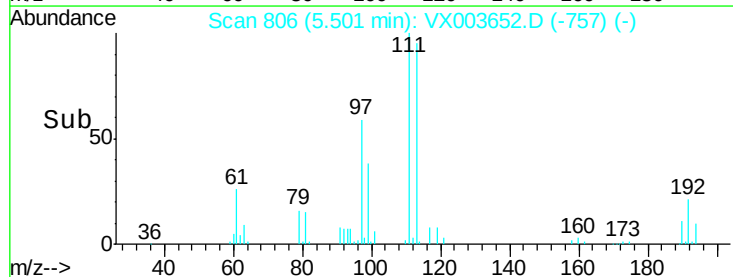
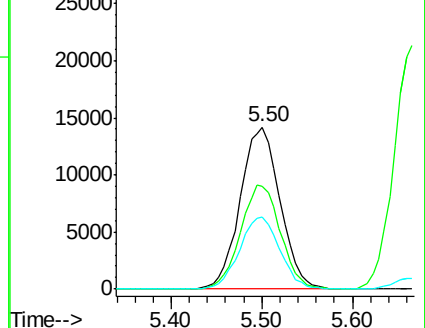
61 45.2 34.5 51.7

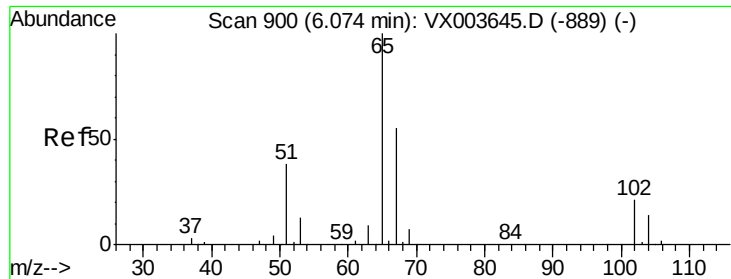


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

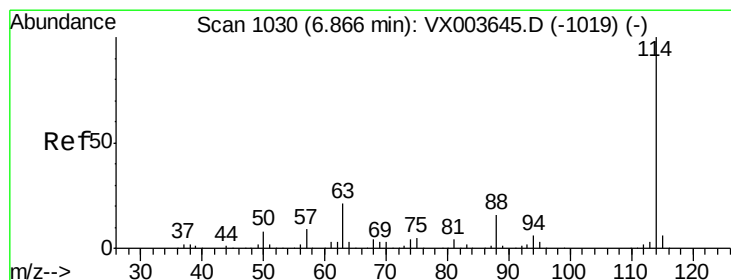
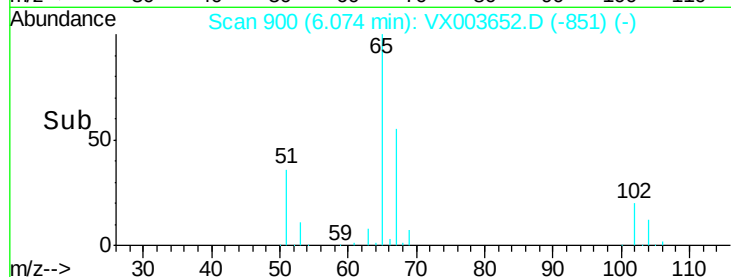
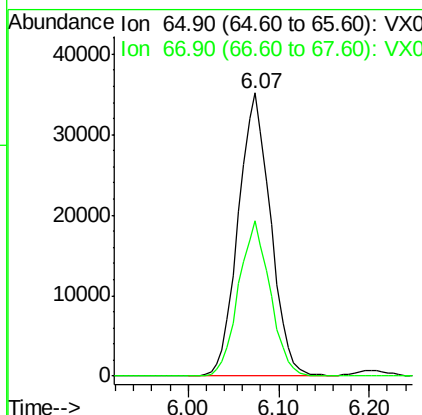
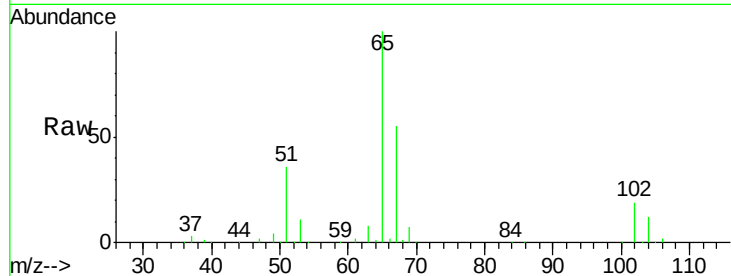




#33
 1,2-Dichloroethane-d4
 Concen: 50.763 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

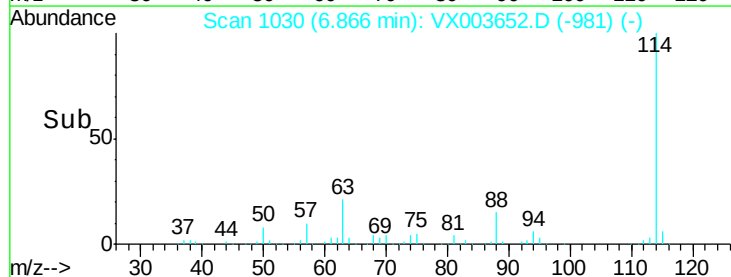
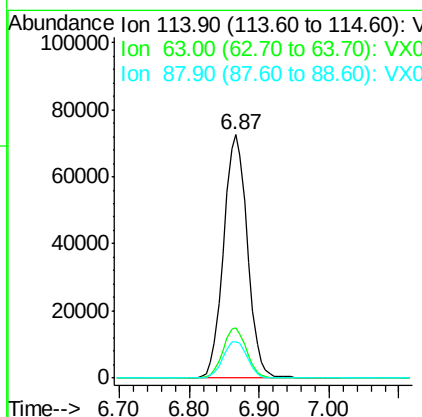
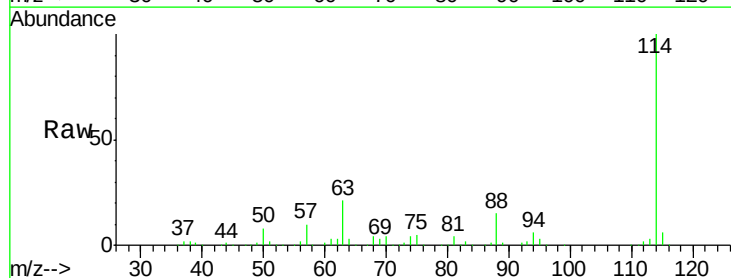
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

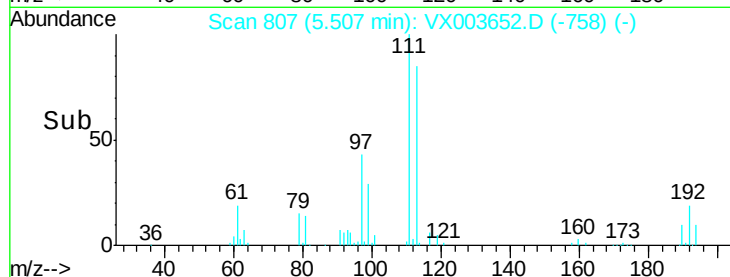
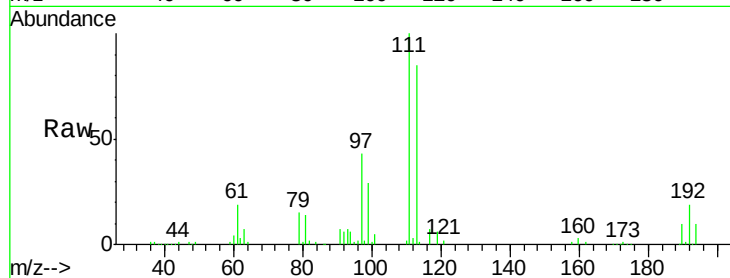
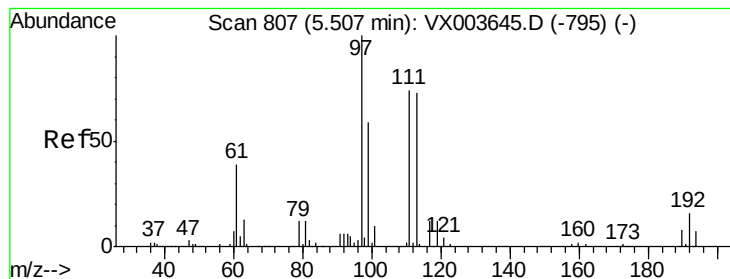
Tgt Ion: 65 Resp: 87050
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 114 Resp: 171029
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.0
 88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.212 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

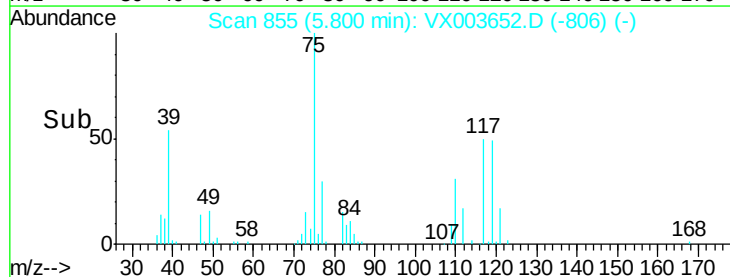
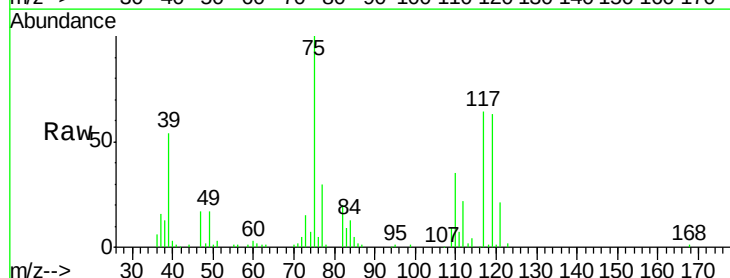
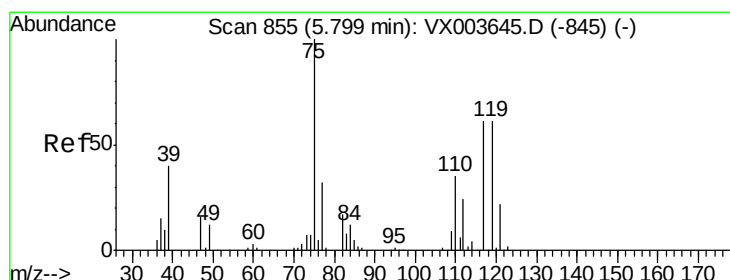
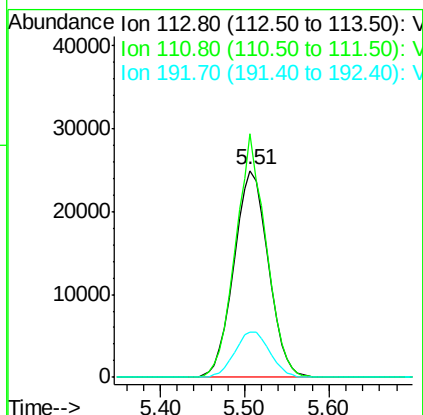
Tgt Ion:113 Resp: 68805

Ion Ratio Lower Upper

113 100

111 105.0 81.2 121.8

192 22.5 18.2 27.4



#36

1,1-Dichloropropene

Concen: 19.733 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

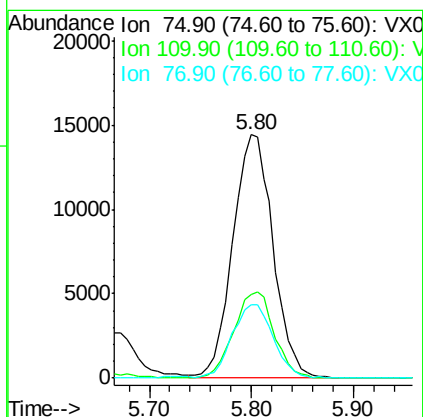
Tgt Ion: 75 Resp: 39448

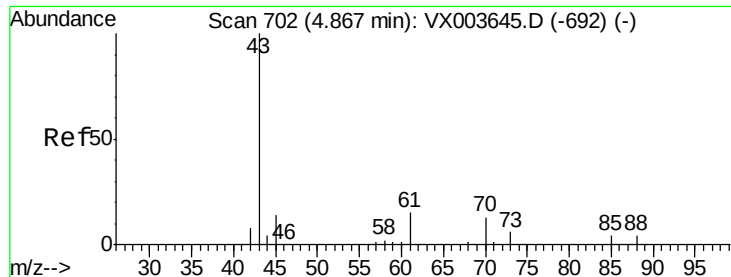
Ion Ratio Lower Upper

75 100

110 35.4 18.1 54.1

77 31.0 25.1 37.7

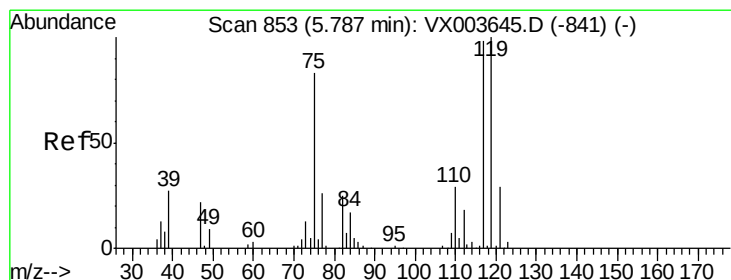
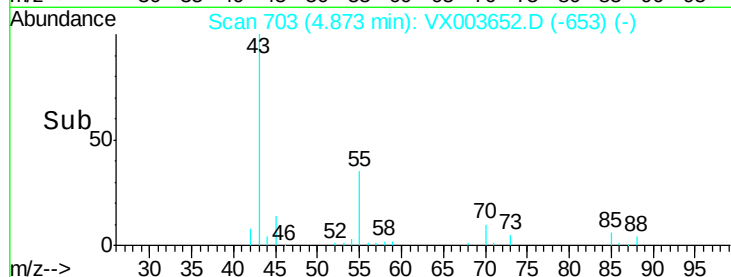
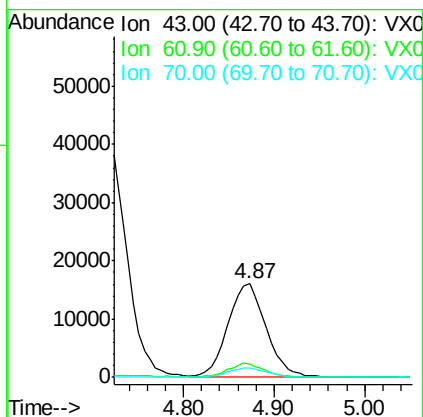
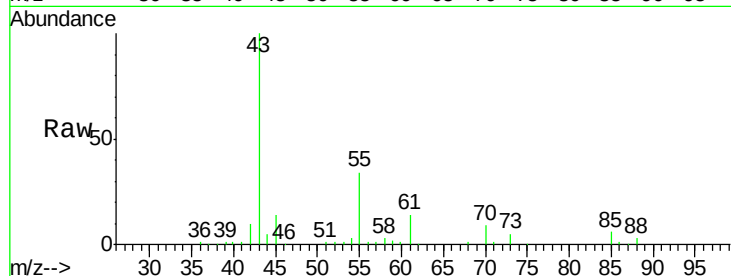




#37
Ethyl Acetate
Concen: 19.375 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

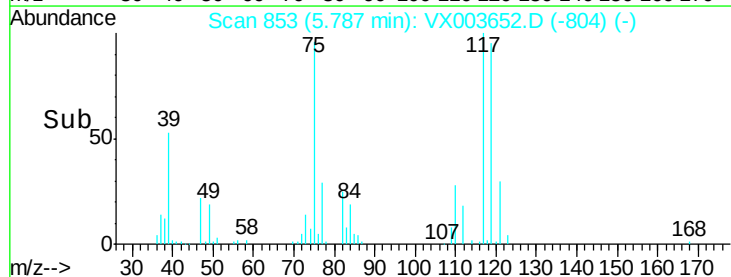
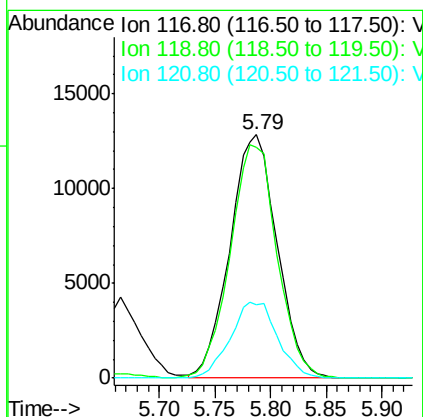
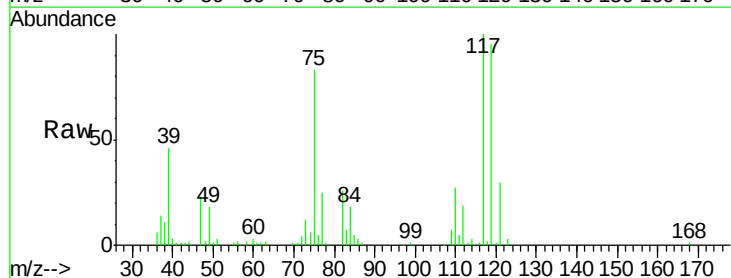
Instrument :
MSVOA_X
ClientSampled :
VX0725MBL01

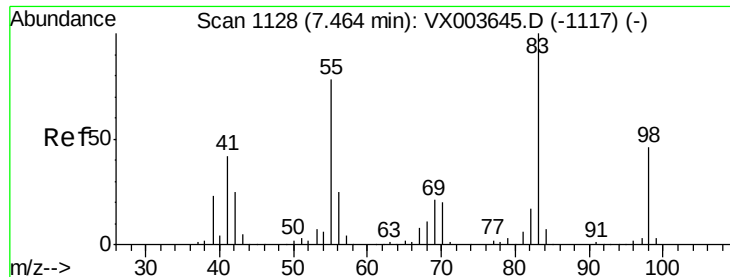
Tgt Ion: 43 Resp: 46574
Ion Ratio Lower Upper
43 100
61 14.8 11.9 17.9
70 10.2 8.6 12.8



#38
Carbon Tetrachloride
Concen: 19.644 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 117 Resp: 37850
Ion Ratio Lower Upper
117 100
119 94.8 81.0 121.4
121 30.0 23.7 35.5

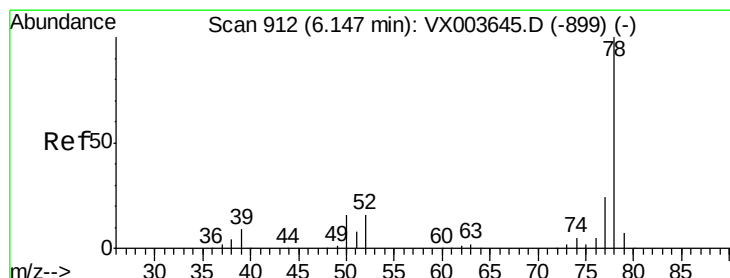
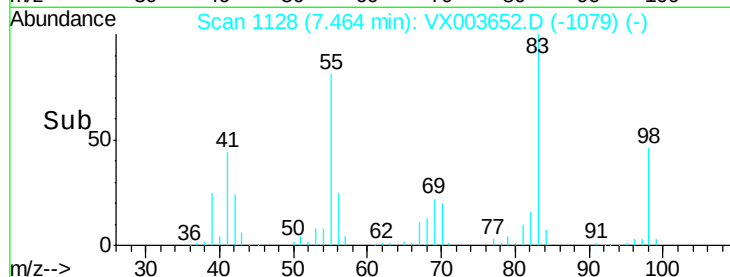
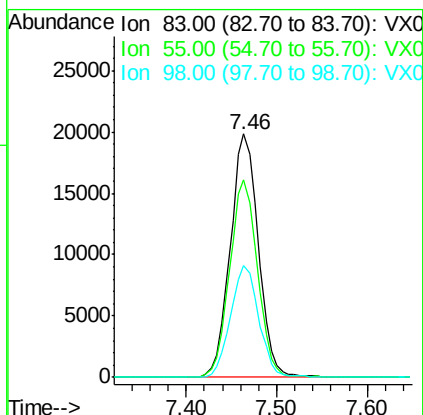
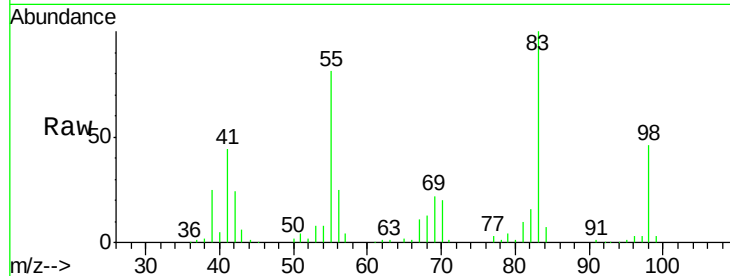




#39
Methylcyclohexane
Concen: 19.436 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

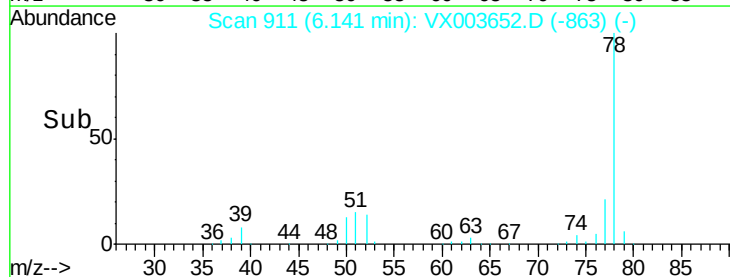
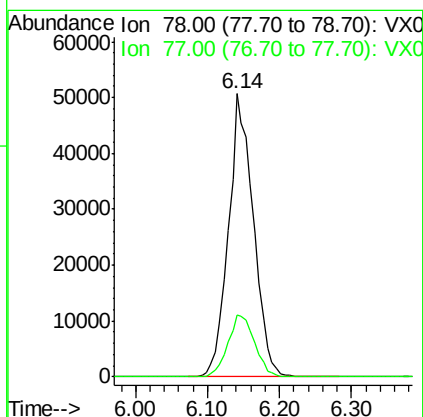
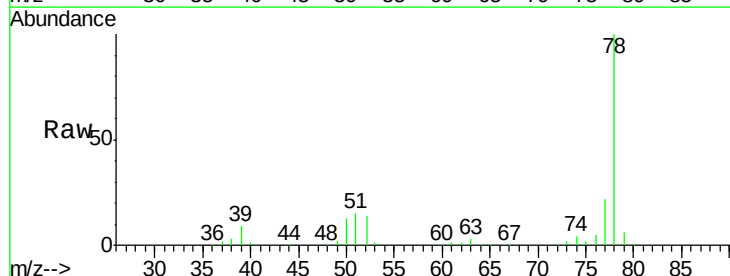
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

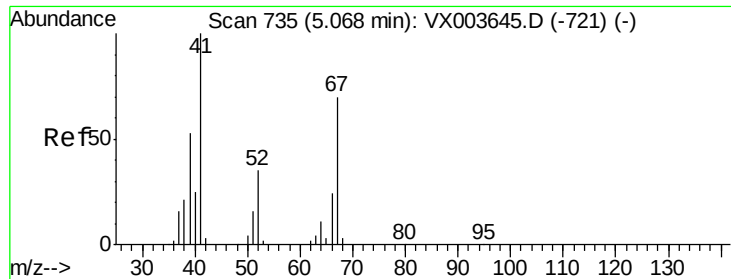
Tgt Ion: 83 Resp: 42769
Ion Ratio Lower Upper
83 100
55 81.2 62.6 93.8
98 46.0 36.6 55.0



#40
Benzene
Concen: 20.644 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 78 Resp: 122129
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.6

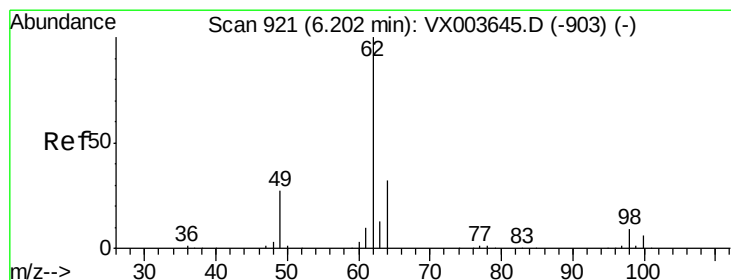
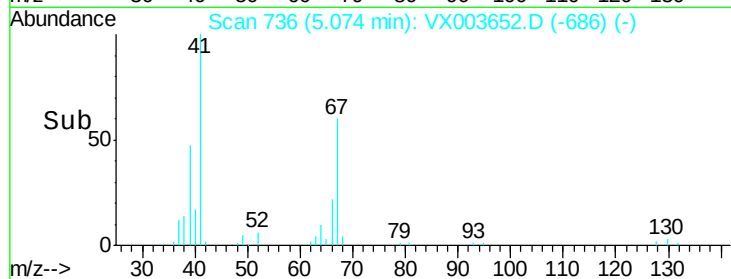
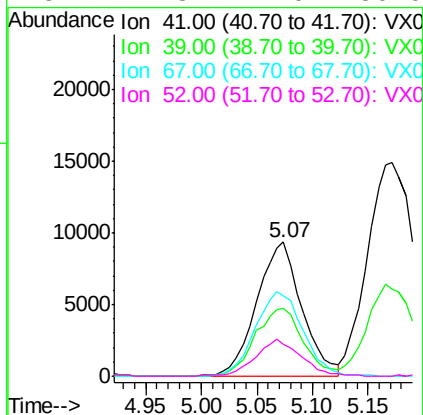
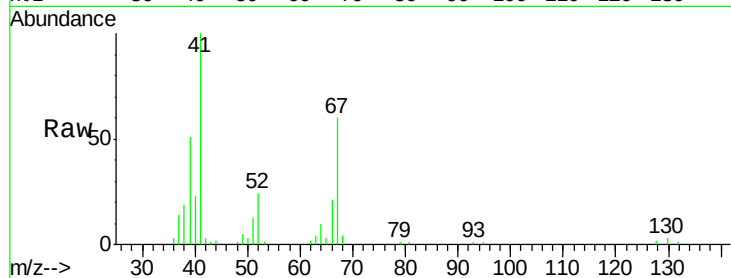




#41
Methacrylonitrile
Concen: 19.778 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

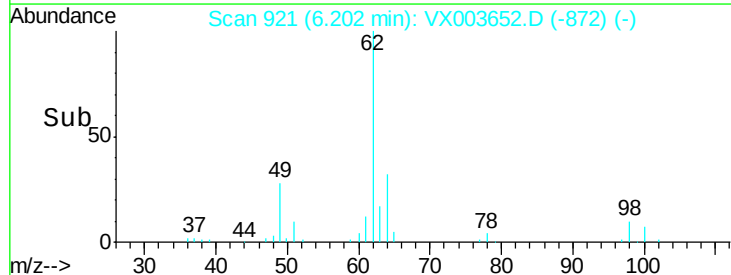
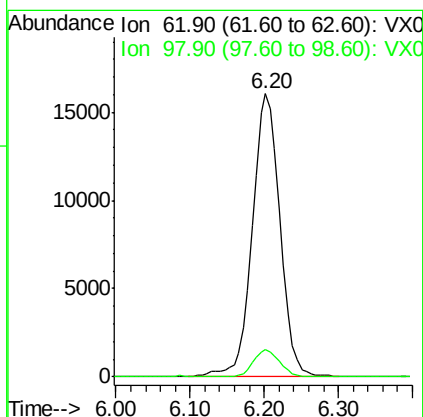
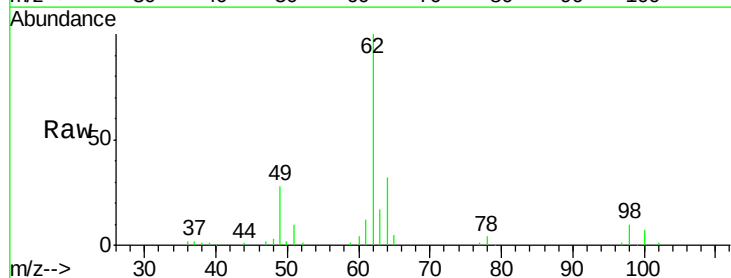
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

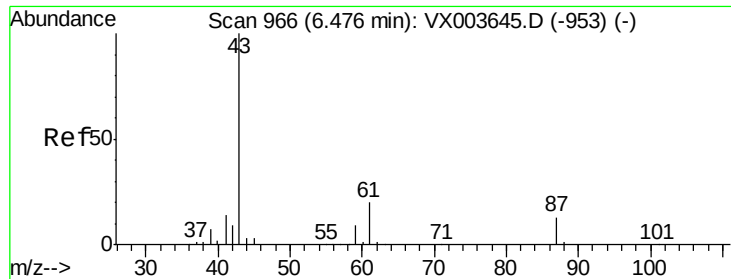
Tgt Ion:	41	Resp:	26327
Ion	Ratio	Lower	Upper
41	100		
39	54.0	42.2	63.4
67	66.8	56.6	84.8
52	27.8	24.0	36.0



#42
1,2-Dichloroethane
Concen: 20.085 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion:	62	Resp:	41822
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.230 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

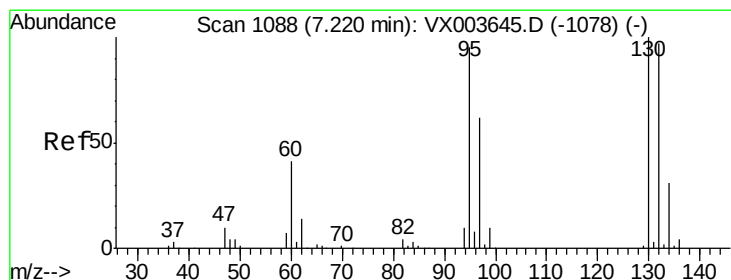
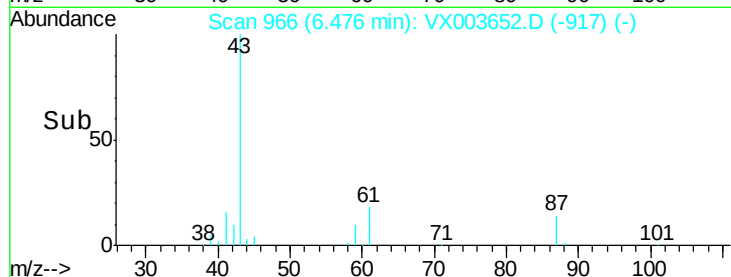
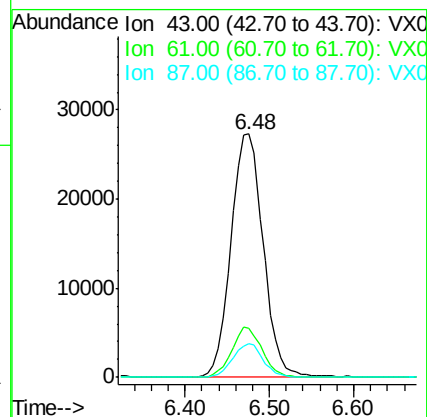
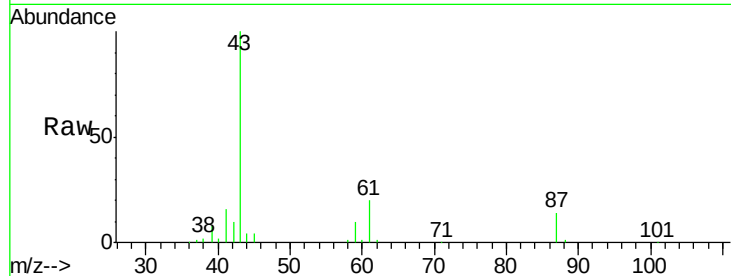
Tgt Ion: 43 Resp: 70942

Ion Ratio Lower Upper

43 100

61 19.3 15.9 23.9

87 13.0 10.1 15.1



#44

Trichloroethene

Concen: 19.374 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003652.D

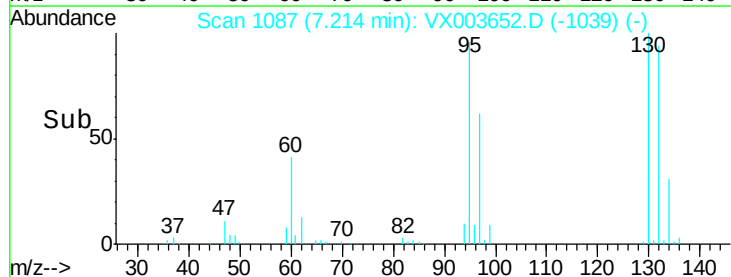
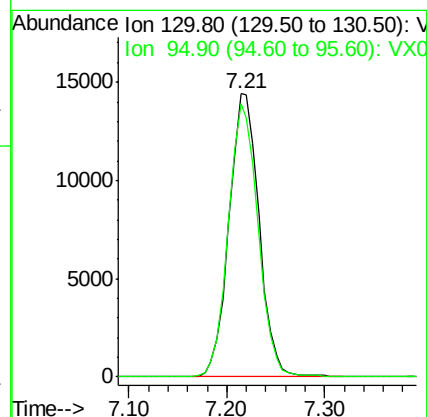
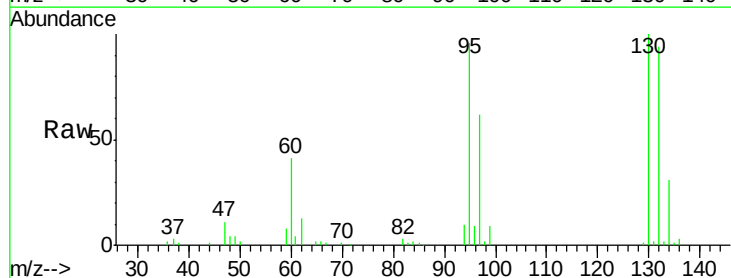
Acq: 24 Jul 2018 21:35

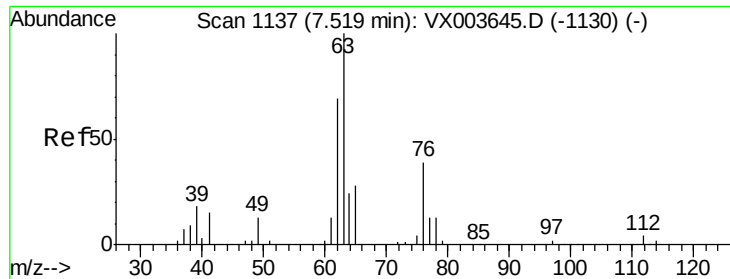
Tgt Ion: 130 Resp: 30731

Ion Ratio Lower Upper

130 100

95 96.3 0.0 190.0

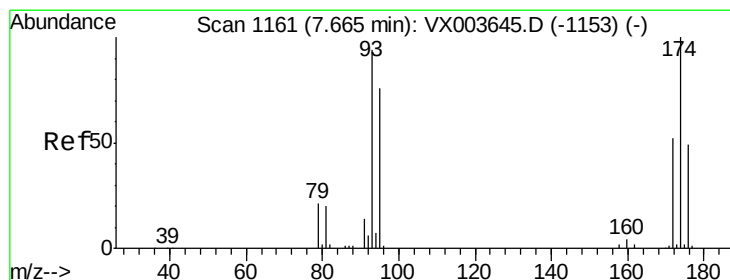
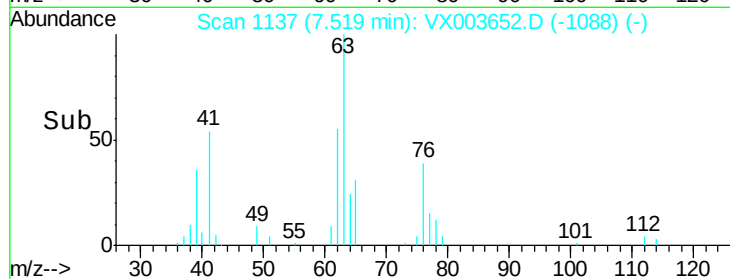
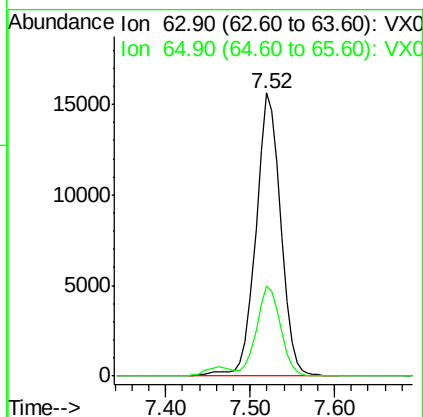
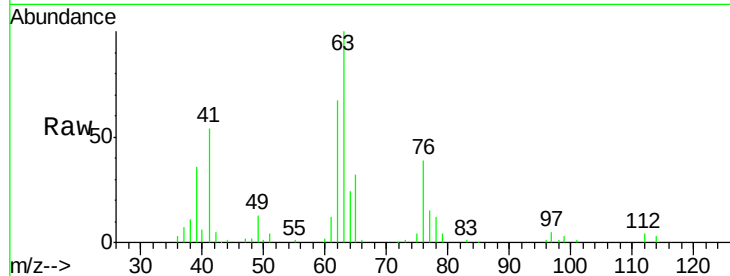




#45
 1,2-Dichloropropane
 Concen: 20.613 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

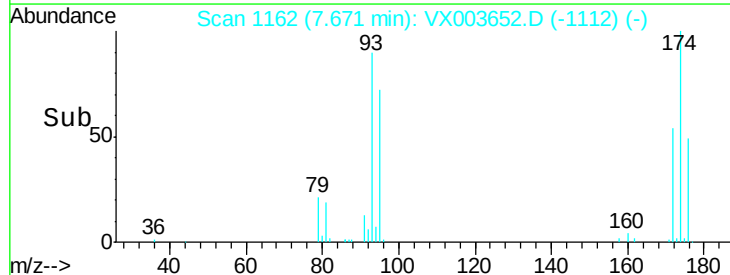
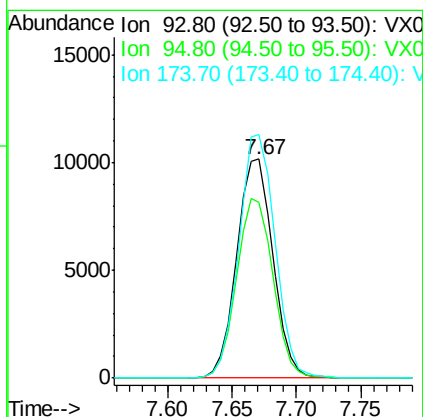
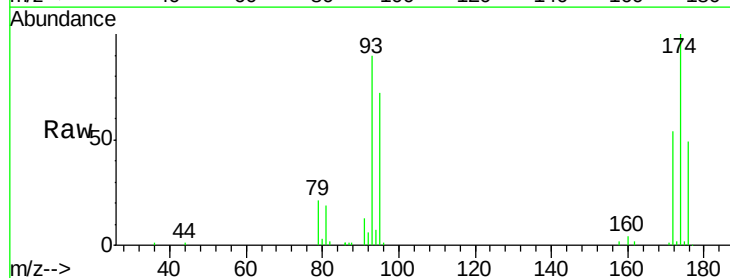
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

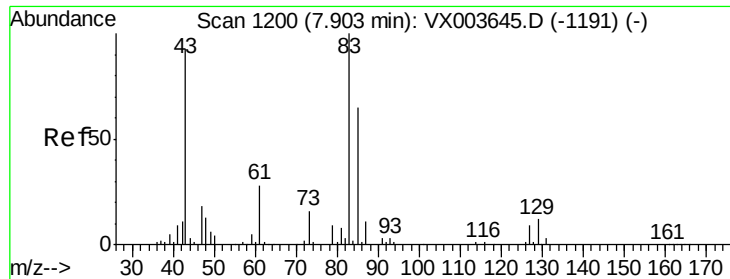
Tgt Ion: 63 Resp: 31523
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.0 36.0



#46
 Dibromomethane
 Concen: 20.212 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 93 Resp: 19856
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.0 100.6
 174 110.9 89.6 134.4





#47

Bromodichloromethane

Concen: 19.763 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

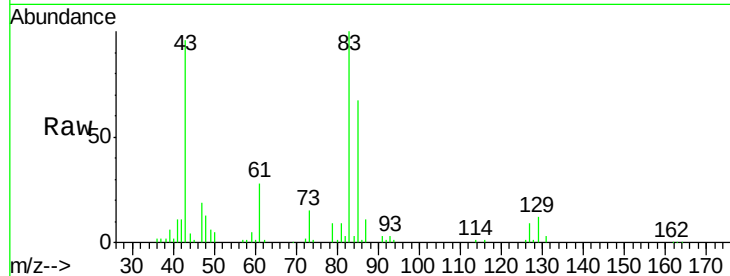
Tgt Ion: 83 Resp: 36401

Ion Ratio Lower Upper

83 100

85 66.7 51.8 77.6

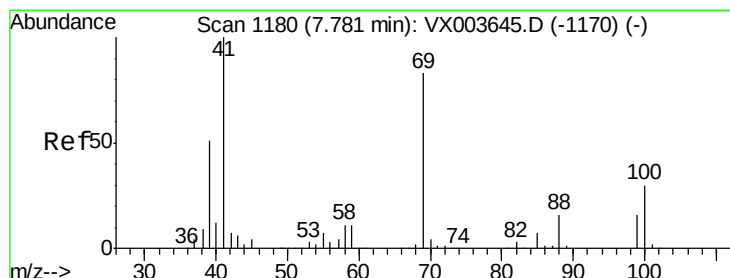
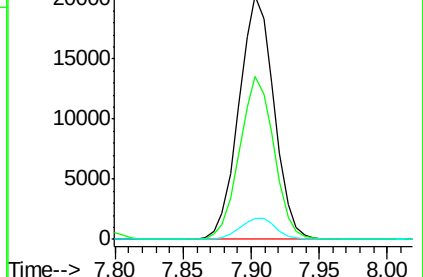
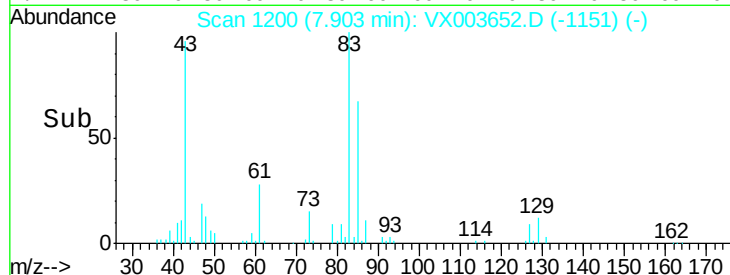
127 8.8 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.180 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

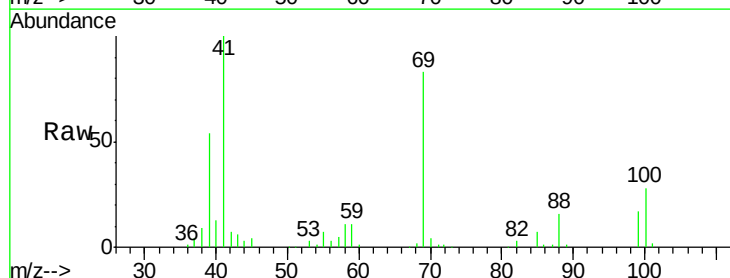
Tgt Ion: 41 Resp: 35911

Ion Ratio Lower Upper

41 100

69 82.4 66.9 100.3

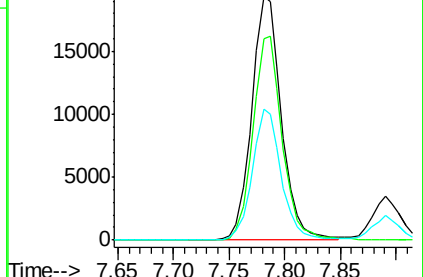
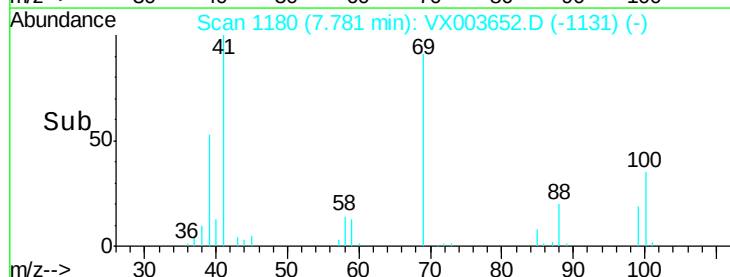
39 52.4 41.2 61.8

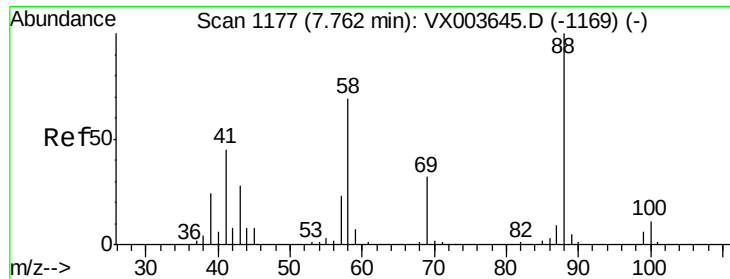


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

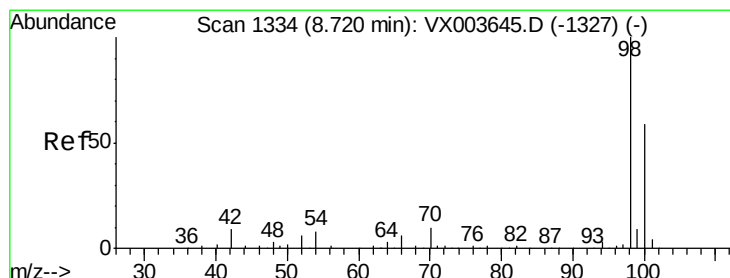
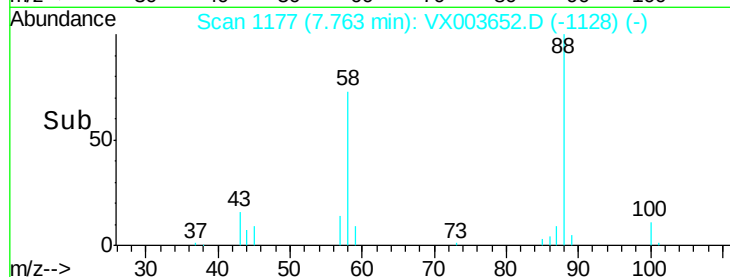
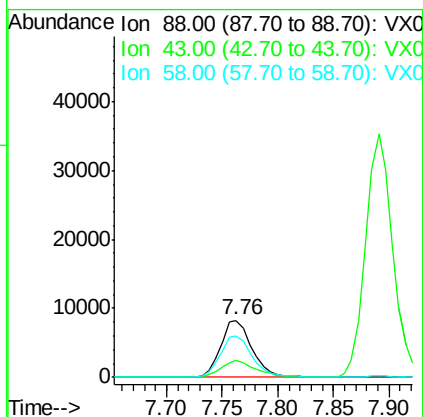
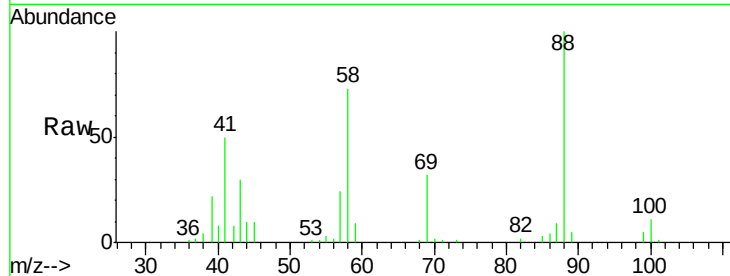




#49
 1,4-Dioxane
 Concen: 407.842 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

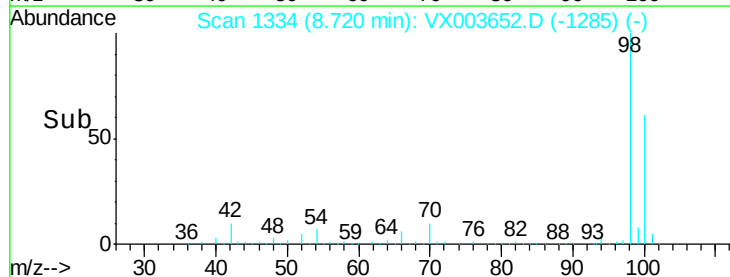
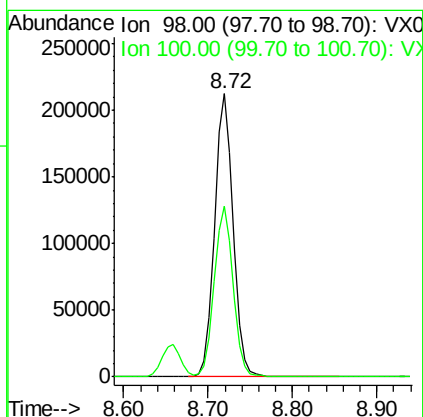
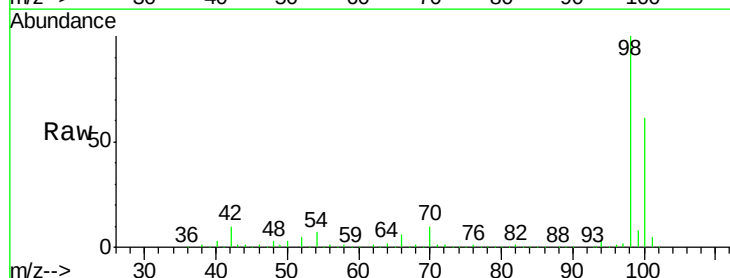
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

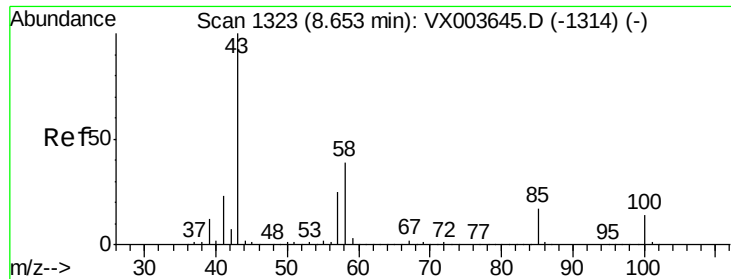
Tgt Ion: 88 Resp: 16192
 Ion Ratio Lower Upper
 88 100
 43 33.4 25.8 38.6
 58 75.1 58.3 87.5



#50
 Toluene-d8
 Concen: 60.782 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 98 Resp: 324323
 Ion Ratio Lower Upper
 98 100
 100 61.7 50.9 76.3

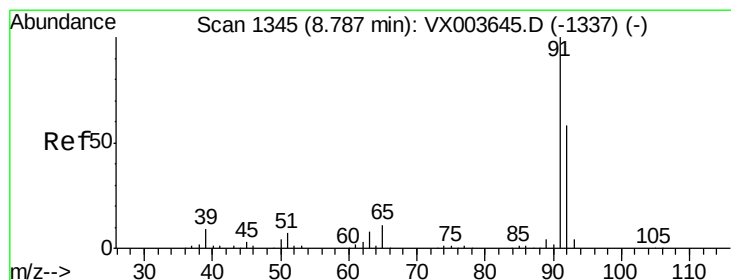
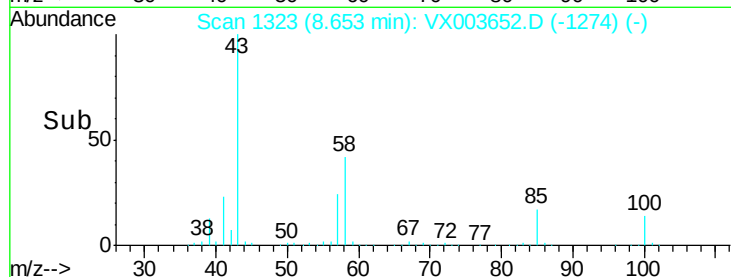
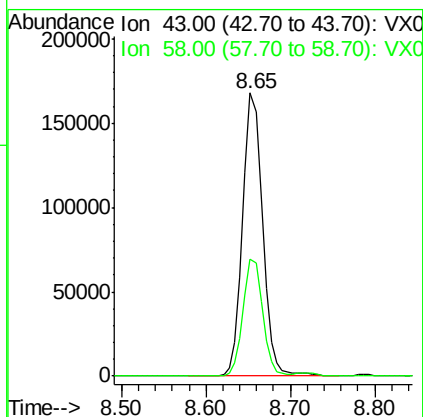
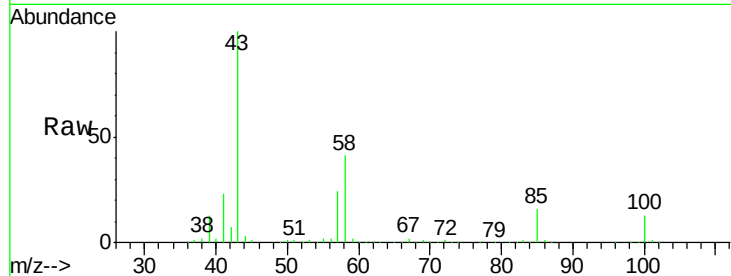




#51
 4-Methyl-2-Pentanone
 Concen: 113.057 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

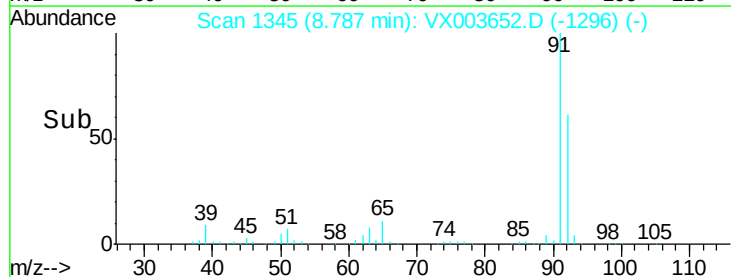
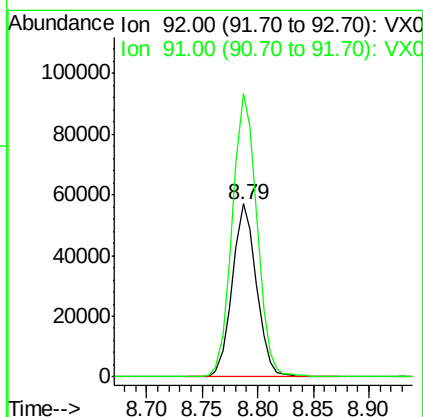
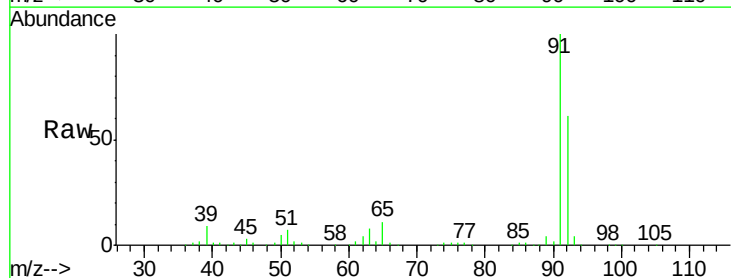
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

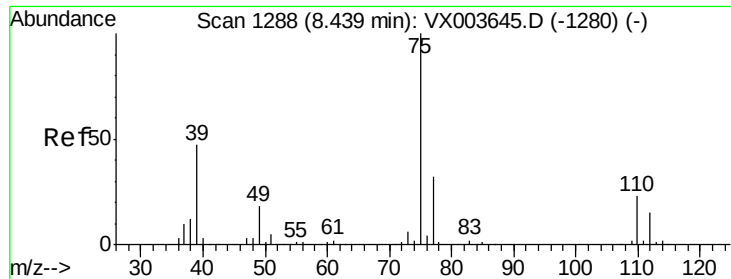
Tgt Ion: 43 Resp: 267509
 Ion Ratio Lower Upper
 43 100
 58 40.7 31.5 47.3



#52
 Toluene
 Concen: 23.370 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 92 Resp: 85938
 Ion Ratio Lower Upper
 92 100
 91 167.6 139.0 208.6

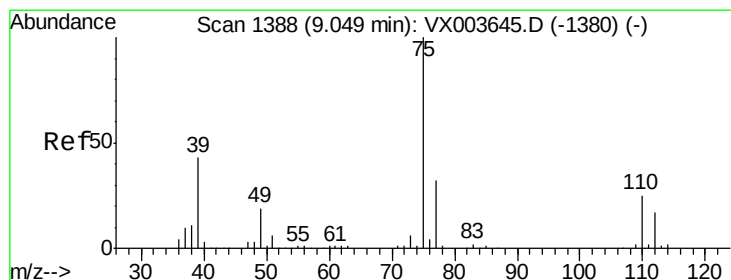
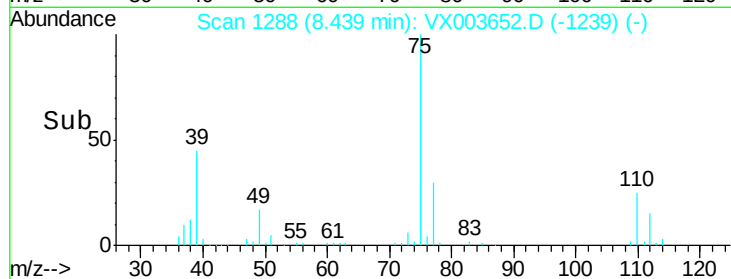
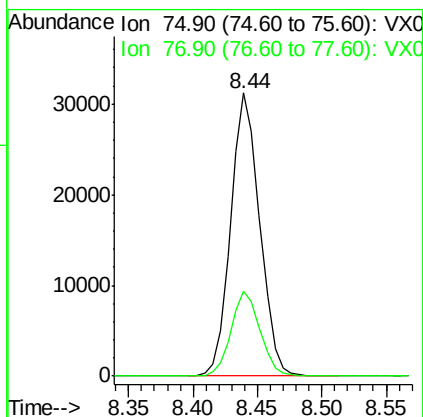
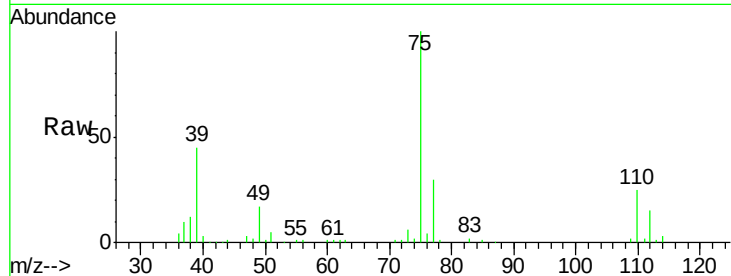




#53
 t-1,3-Dichloropropene
 Concen: 21.841 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

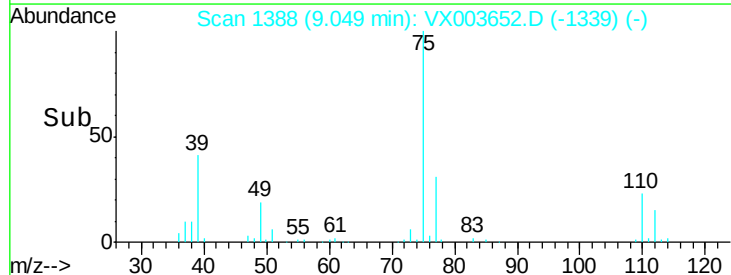
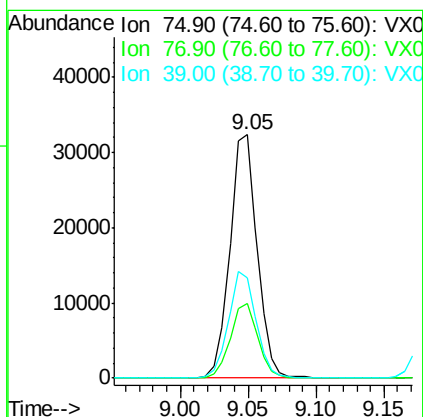
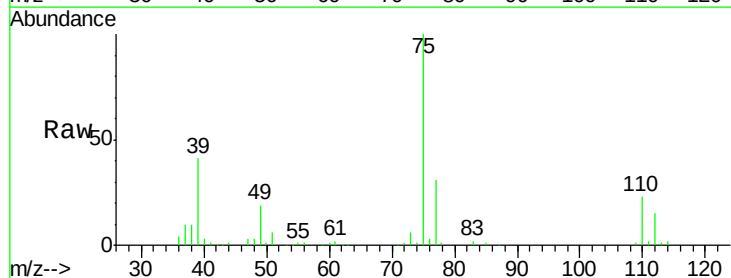
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

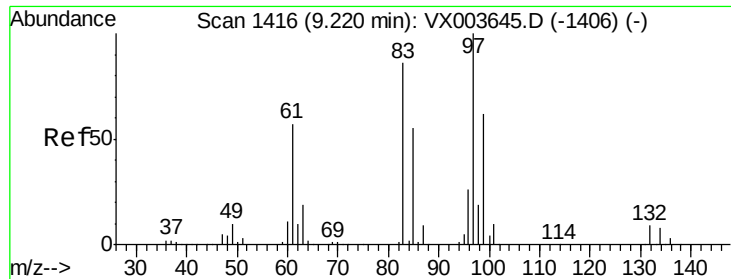
Tgt Ion: 75 Resp: 49013
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.100 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 75 Resp: 45069
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6
 39 40.8 34.2 51.4

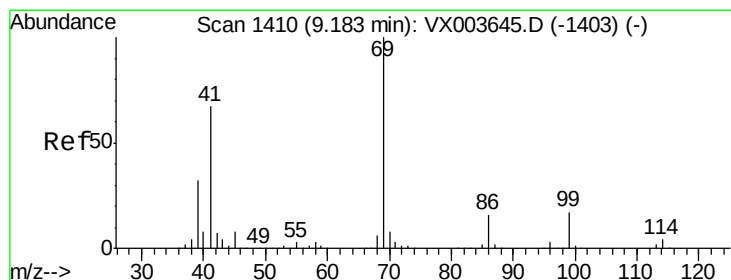
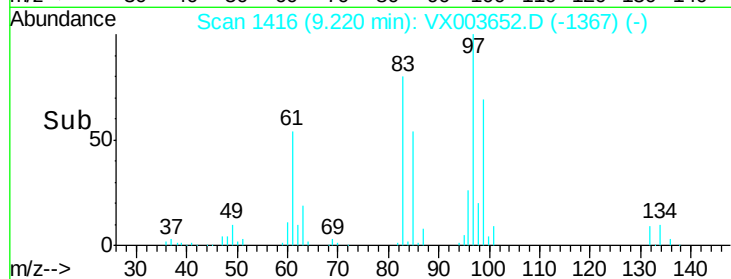
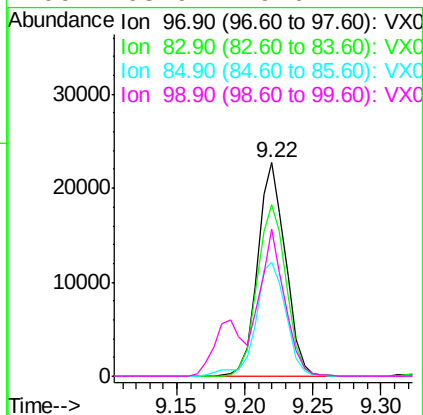
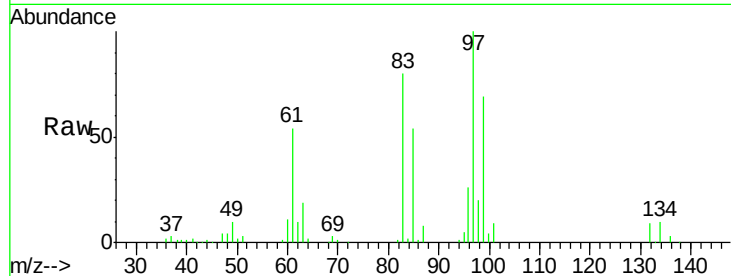




#55
 1,1,2-Trichloroethane
 Concen: 21.713 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

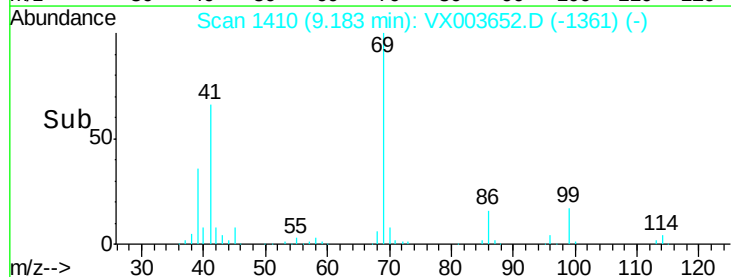
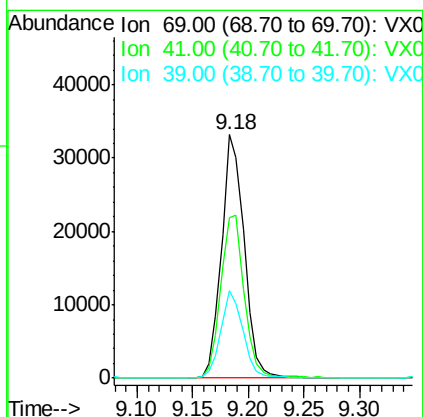
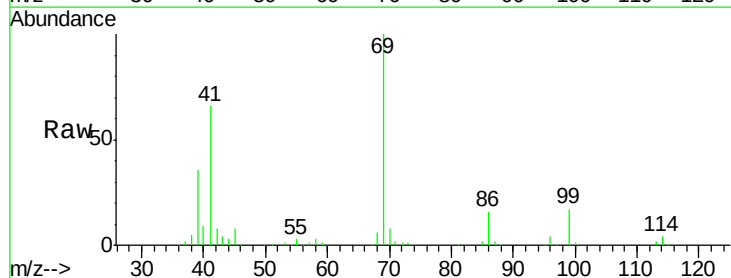
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

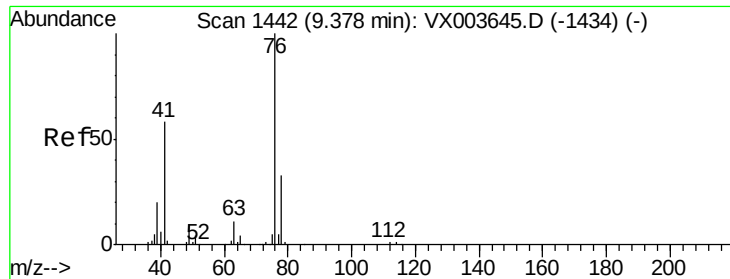
Tgt Ion: 97 Resp: 32638
 Ion Ratio Lower Upper
 97 100
 83 80.4 68.7 103.1
 85 53.5 43.7 65.5
 99 68.9 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 21.066 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 69 Resp: 47123
 Ion Ratio Lower Upper
 69 100
 41 70.0 53.8 80.6
 39 34.9 25.8 38.8

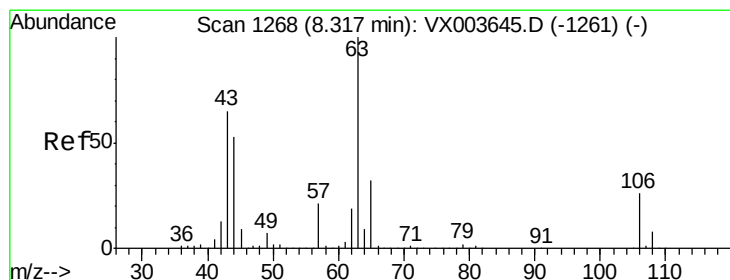
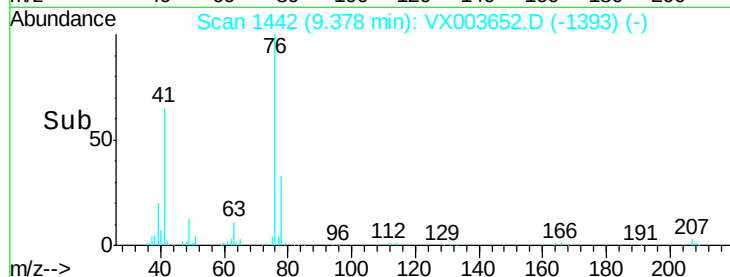
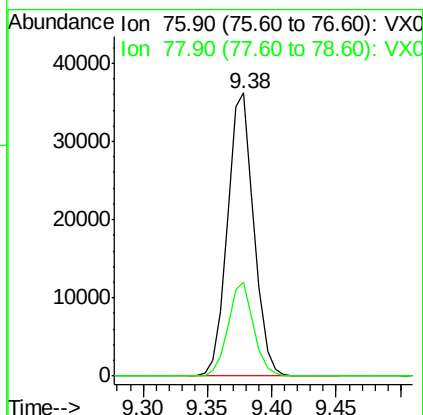
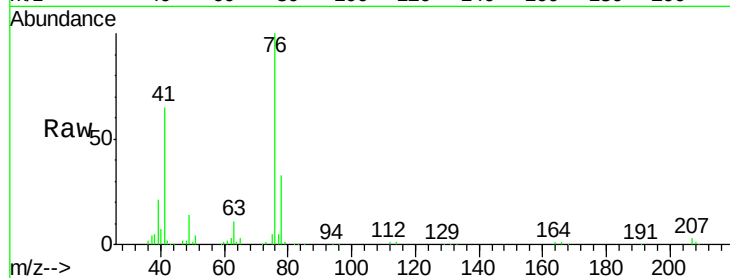




#57
 1,3-Dichloropropane
 Concen: 20.571 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

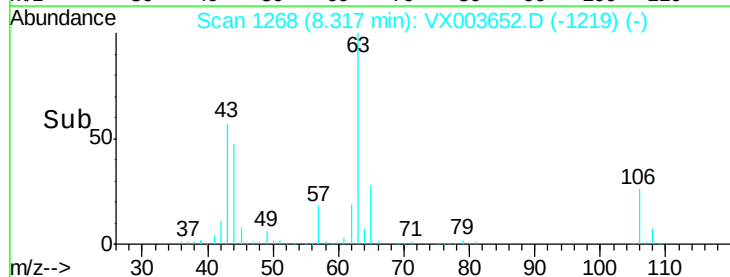
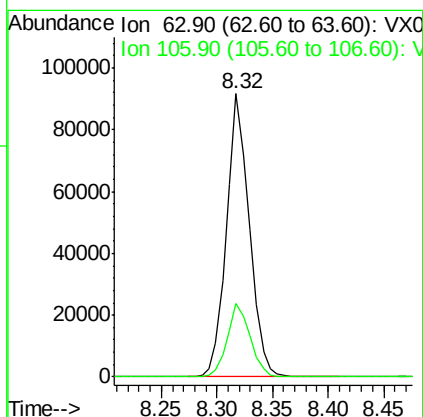
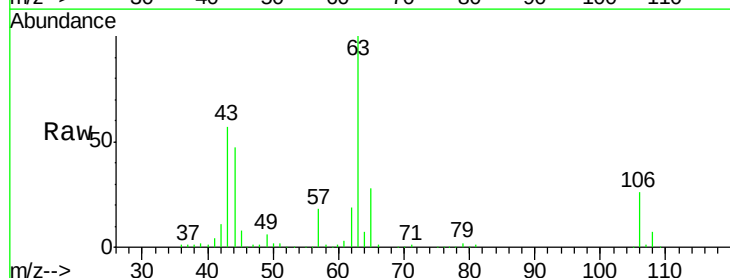
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

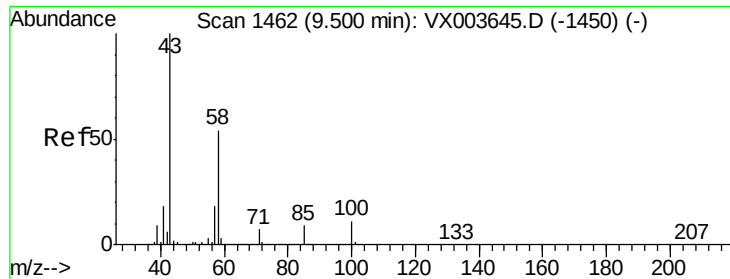
Tgt Ion: 76 Resp: 51921
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.851 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 63 Resp: 130224
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.5 32.3

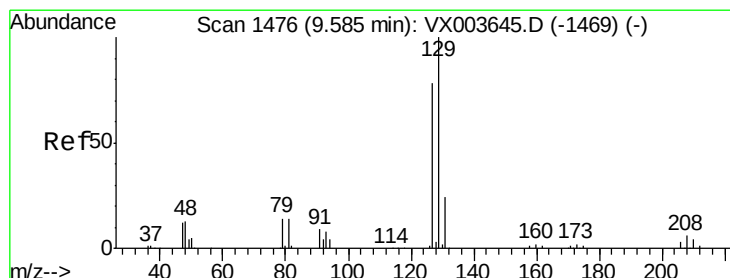
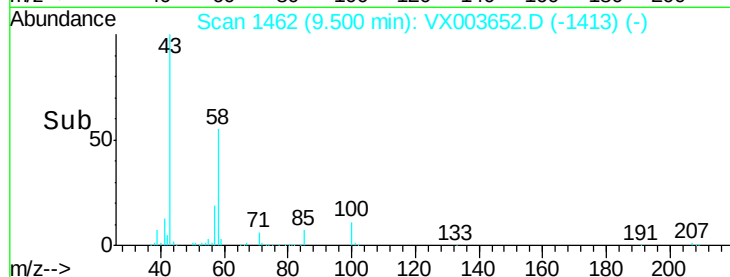
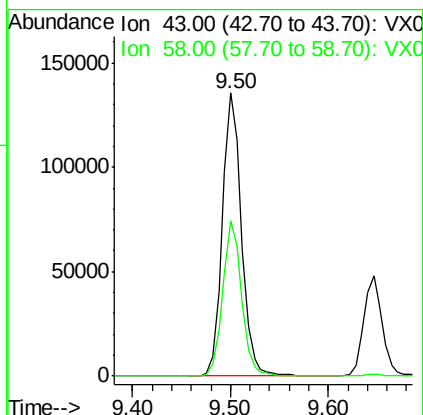
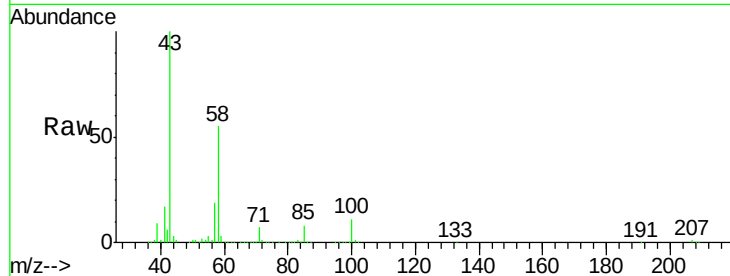




#59
2-Hexanone
Concen: 101.233 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

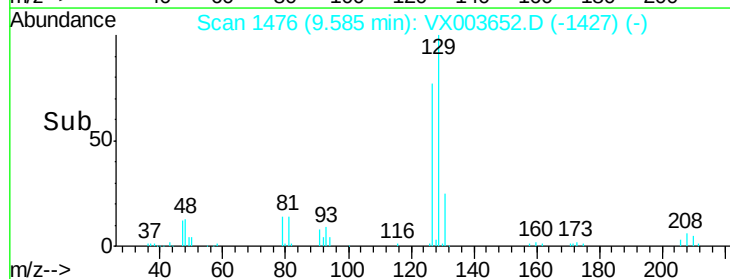
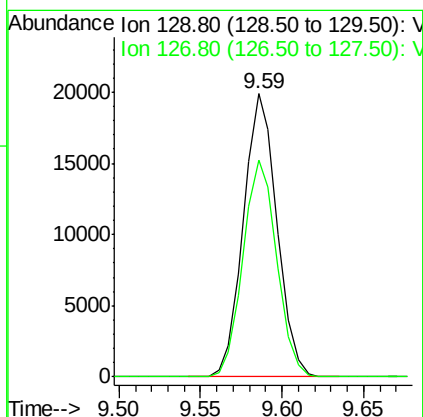
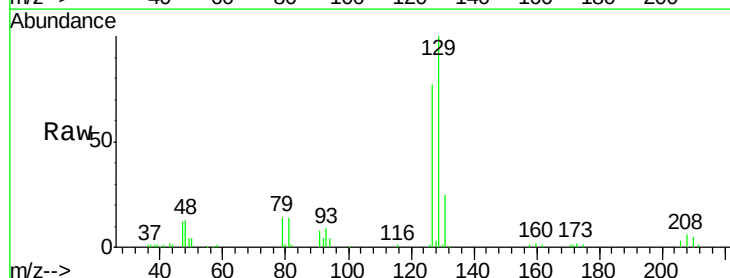
Instrument :
MSVOA_X
ClientSampled :
VX0725MBL01

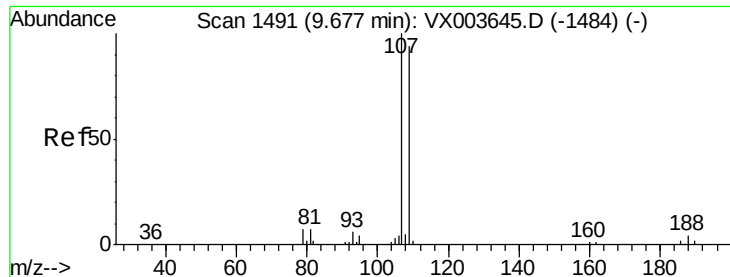
Tgt Ion: 43 Resp: 183741
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.9



#60
Dibromochloromethane
Concen: 19.962 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 129 Resp: 28461
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 20.225 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampled :

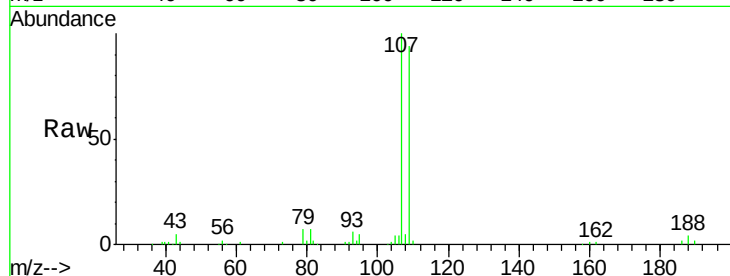
VX0725MBL01

Tgt Ion: 107 Resp: 31656

Ion Ratio Lower Upper

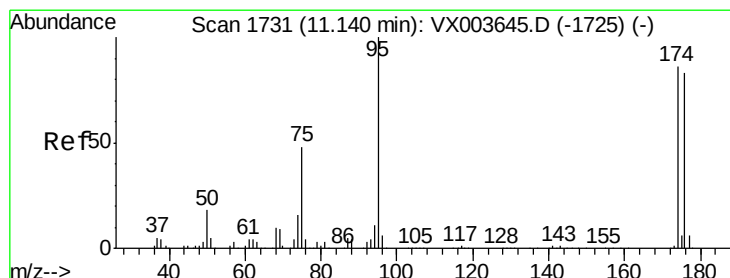
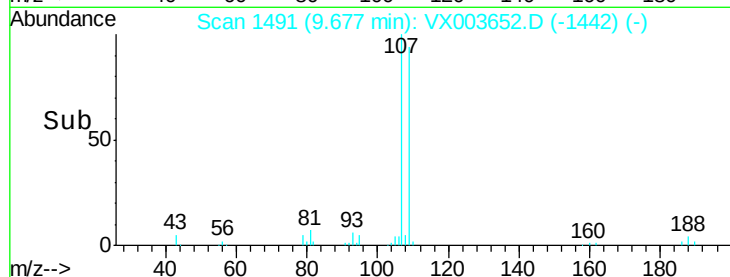
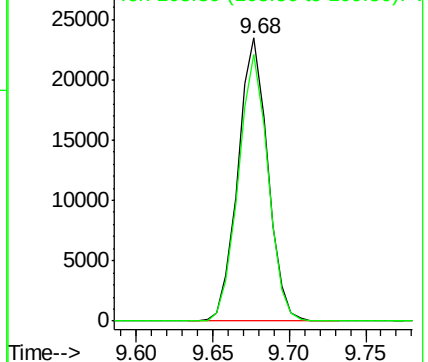
107 100

109 94.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.628 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

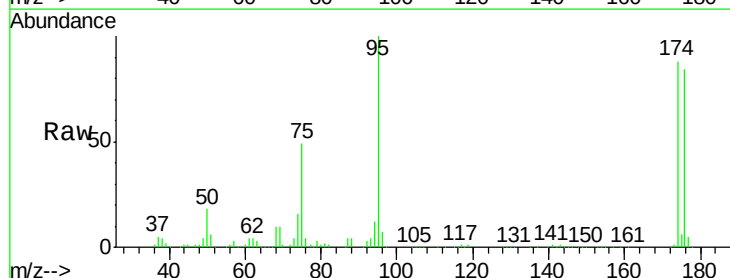
Tgt Ion: 95 Resp: 96585

Ion Ratio Lower Upper

95 100

174 89.6 0.0 179.0

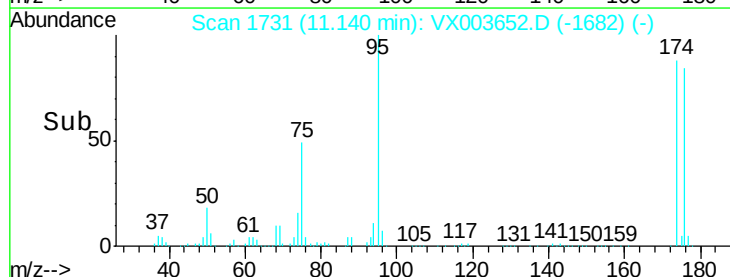
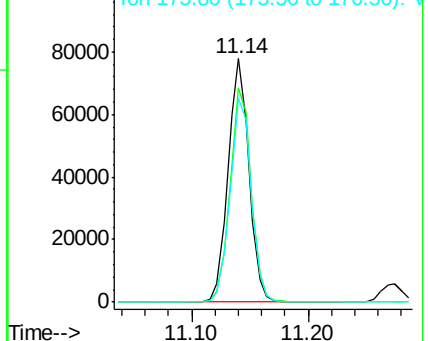
176 85.6 0.0 173.0

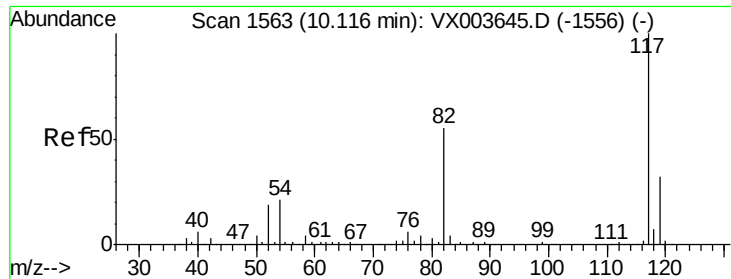


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

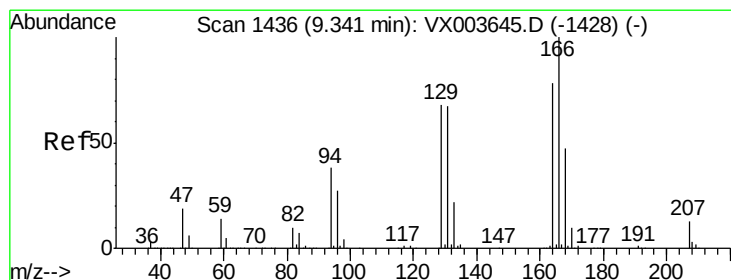
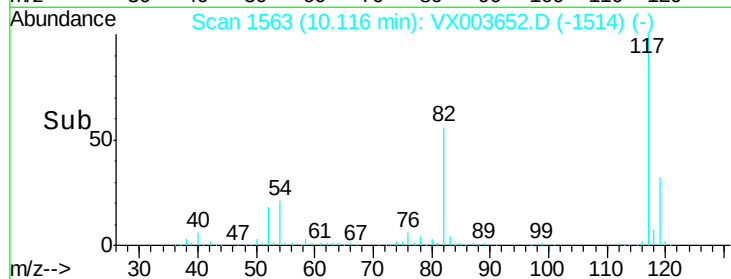
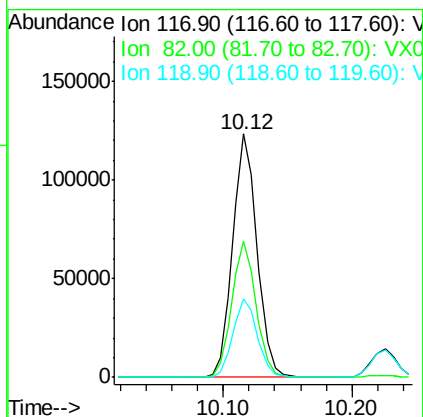
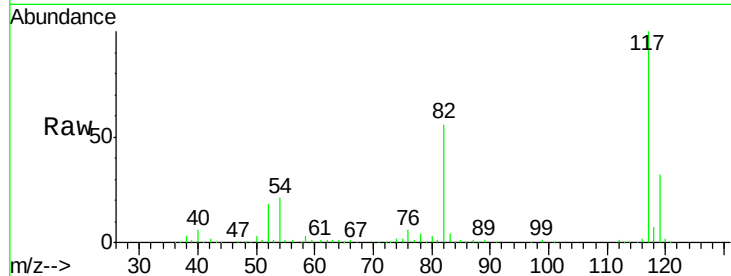




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

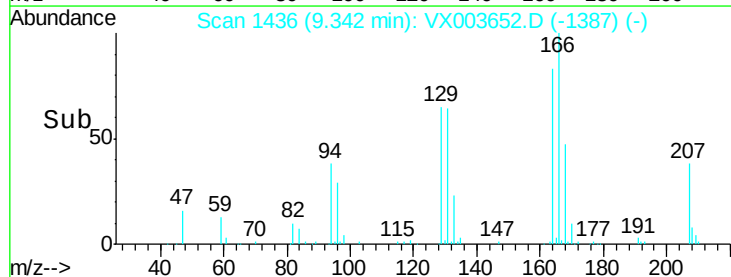
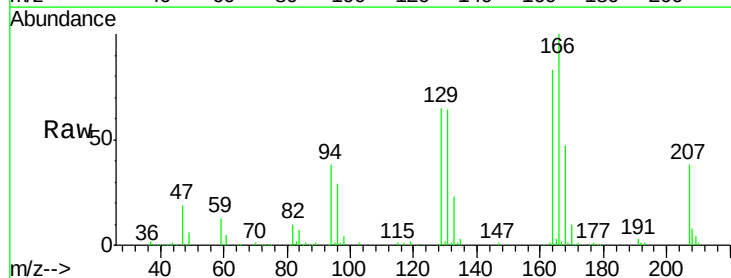
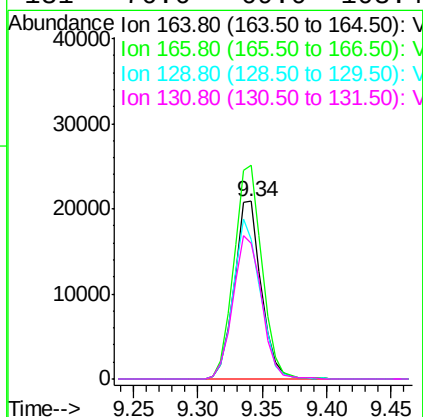
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

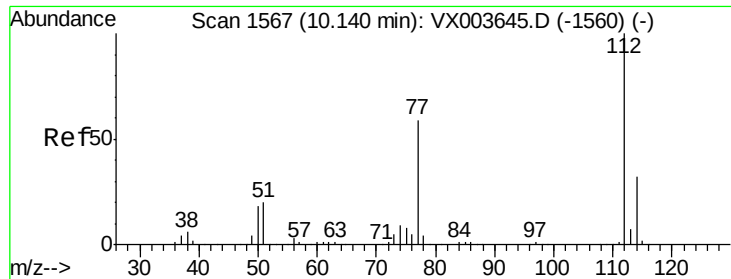
Tgt Ion:117 Resp: 163391
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 20.407 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion:164 Resp: 30484
Ion Ratio Lower Upper
164 100
166 120.4 102.4 153.6
129 78.7 69.6 104.4
131 76.6 69.0 103.4

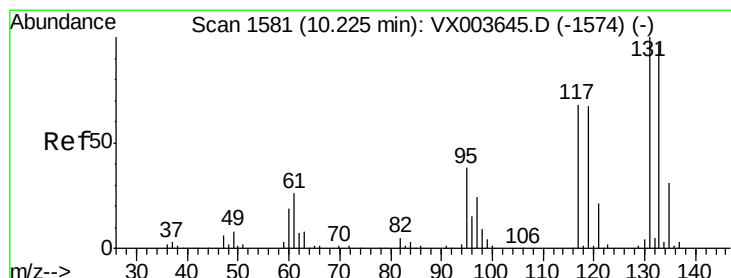
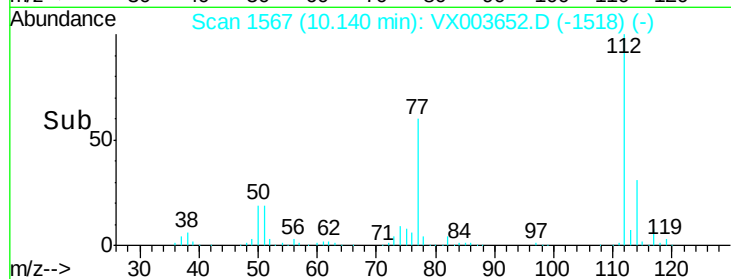
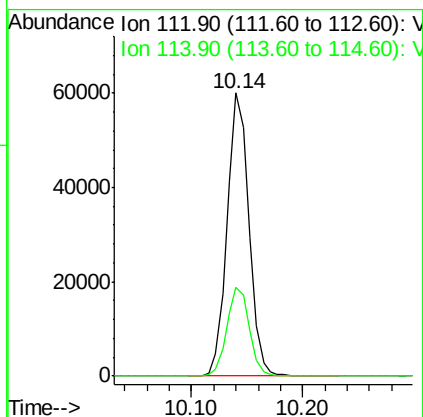
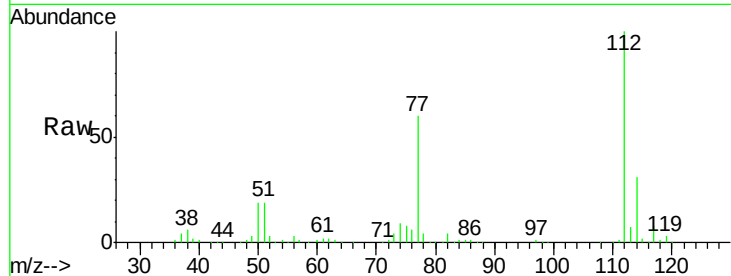




#65
Chlorobenzene
Concen: 19.782 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

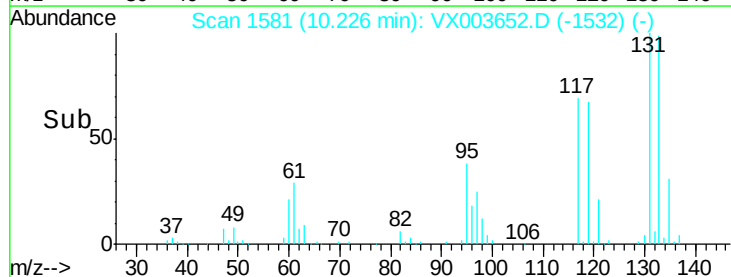
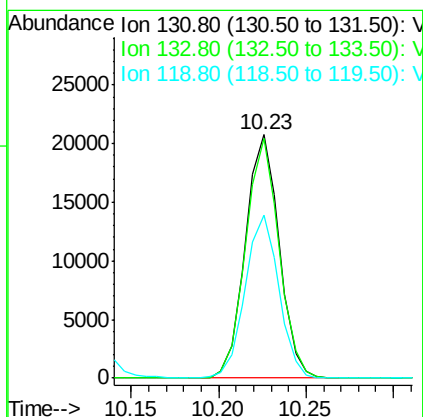
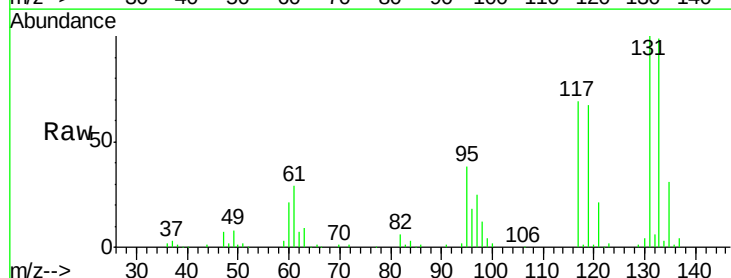
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

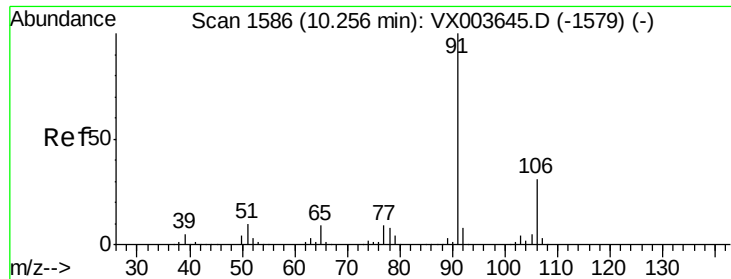
Tgt Ion:112 Resp: 81342
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.464 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion:131 Resp: 27825
Ion Ratio Lower Upper
131 100
133 97.6 47.6 142.8
119 66.8 32.8 98.4

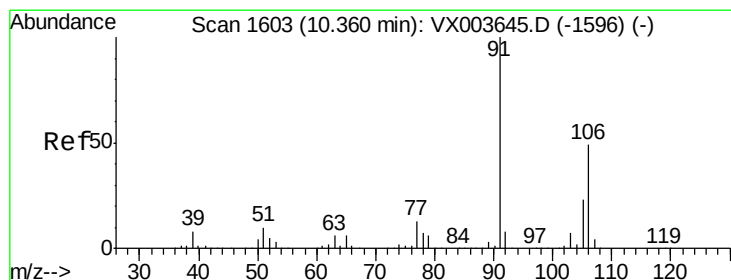
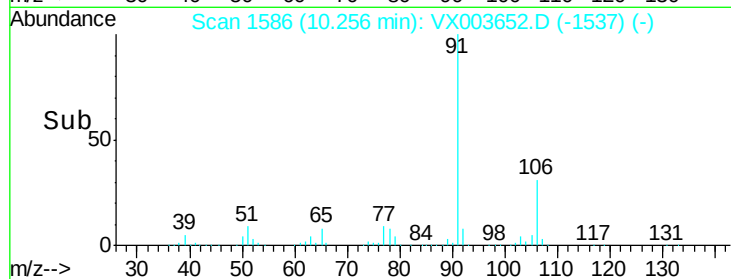
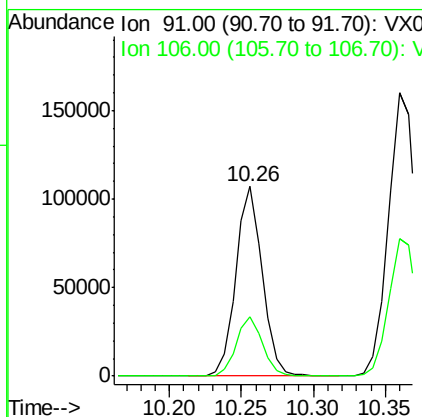
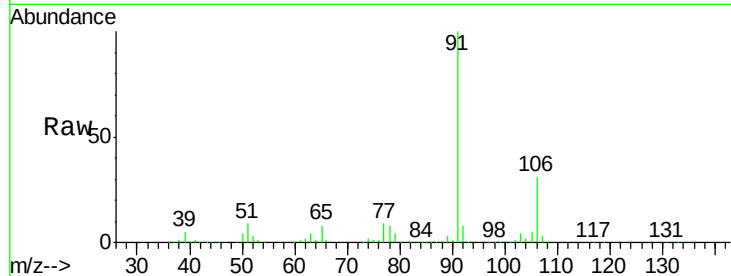




#67
Ethyl Benzene
Concen: 19.988 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

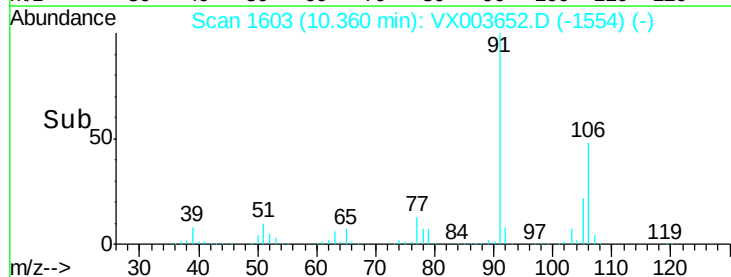
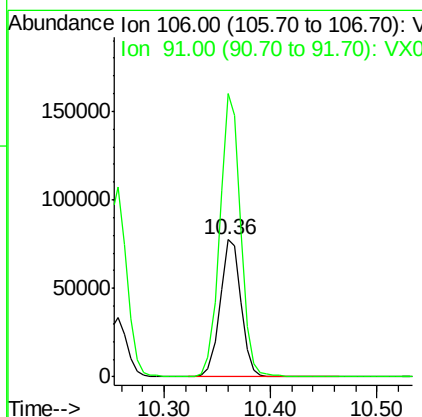
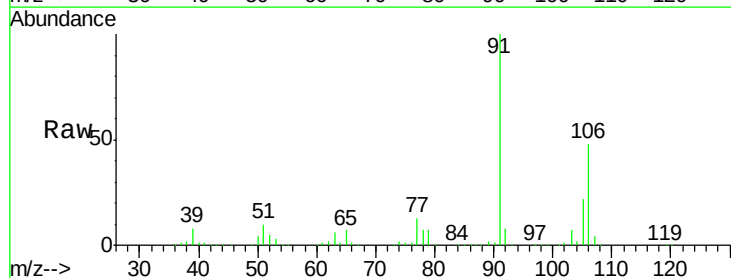
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

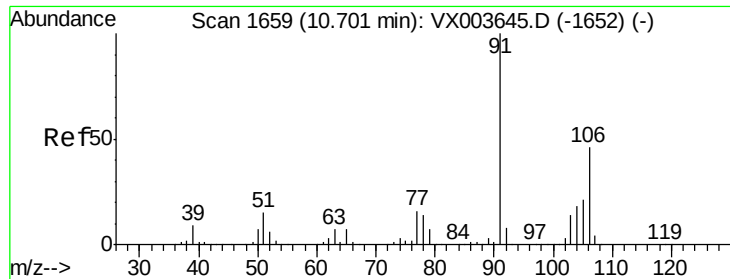
Tgt Ion: 91 Resp: 137582
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 40.430 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 106 Resp: 106758
Ion Ratio Lower Upper
106 100
91 203.3 162.2 243.2

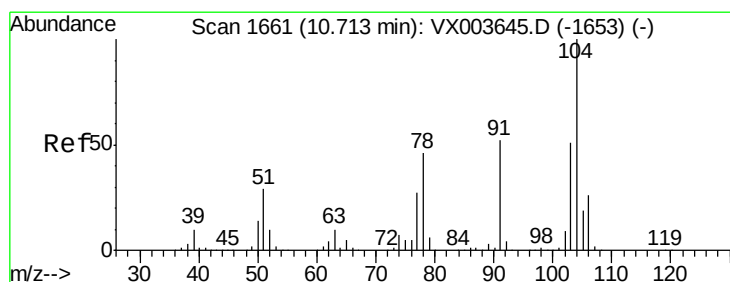
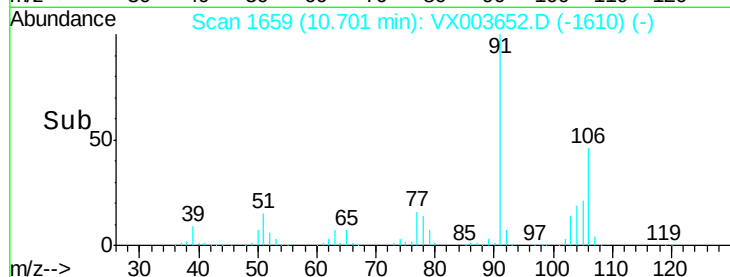
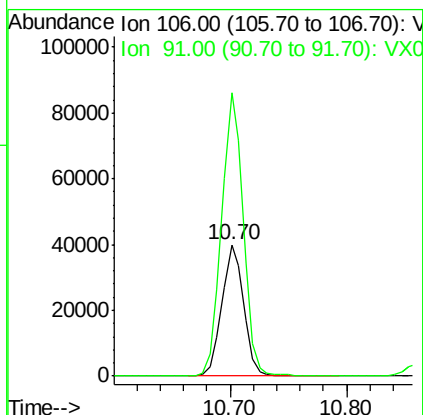
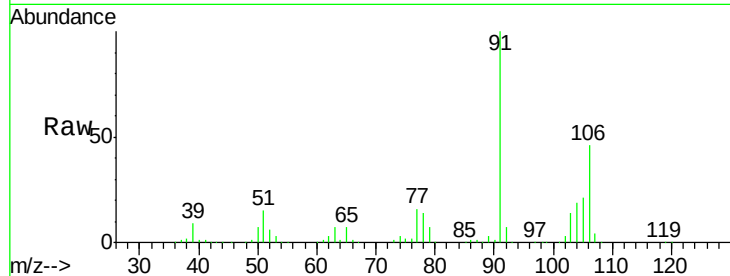




#69
o-Xylene
Concen: 20.162 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

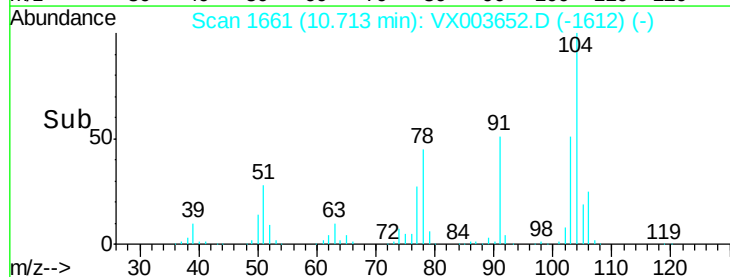
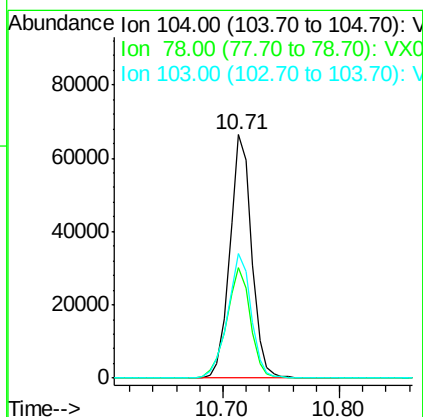
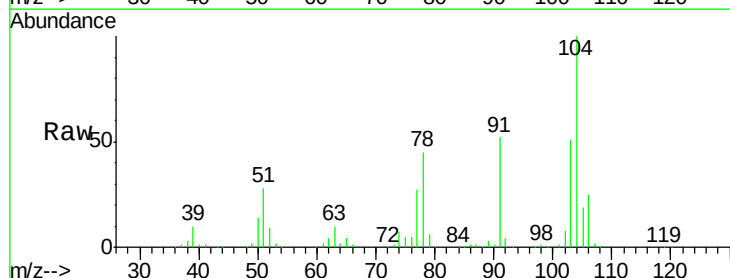
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

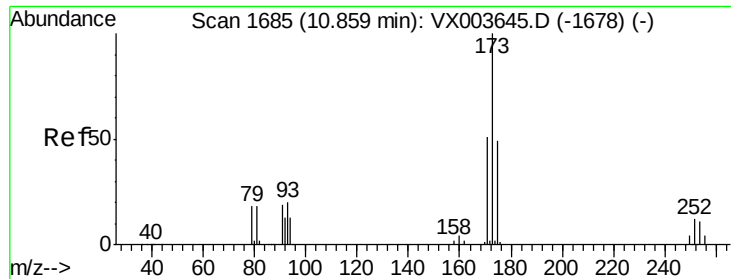
Tgt Ion:106 Resp: 51253
Ion Ratio Lower Upper
106 100
91 215.6 107.1 321.1



#70
Styrene
Concen: 20.261 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion:104 Resp: 86516
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 55.1 44.2 66.4





#71

Bromoform

Concen: 19.097 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

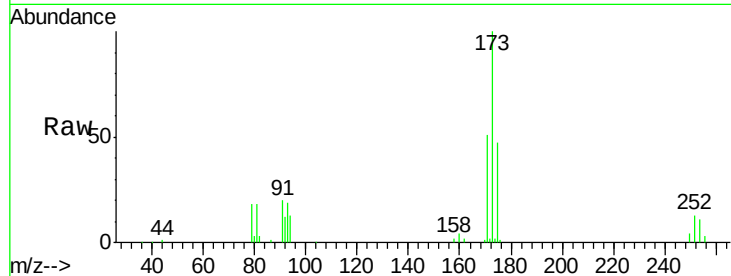
Tgt Ion:173 Resp: 21588

Ion Ratio Lower Upper

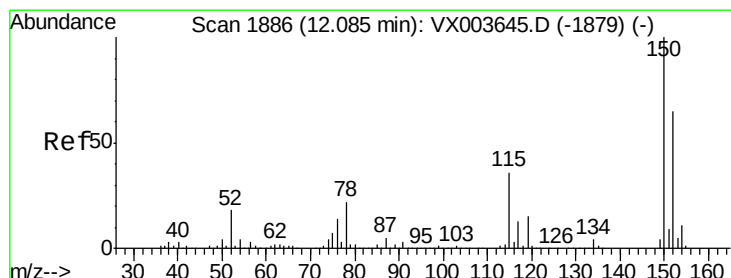
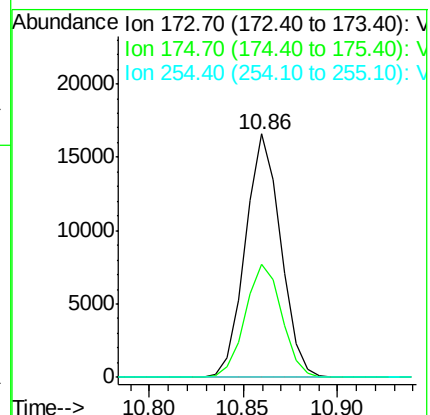
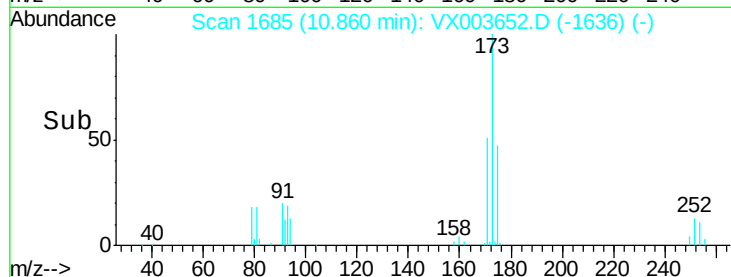
173 100

175 48.0 24.1 72.2

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

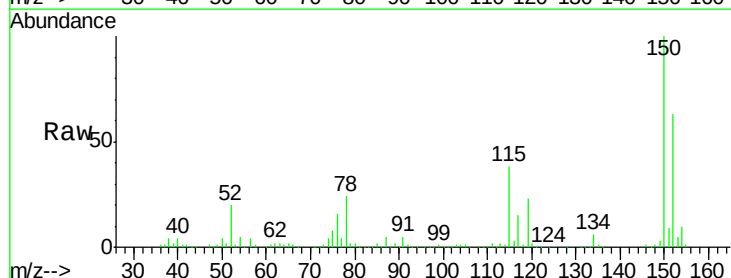
Tgt Ion:152 Resp: 96356

Ion Ratio Lower Upper

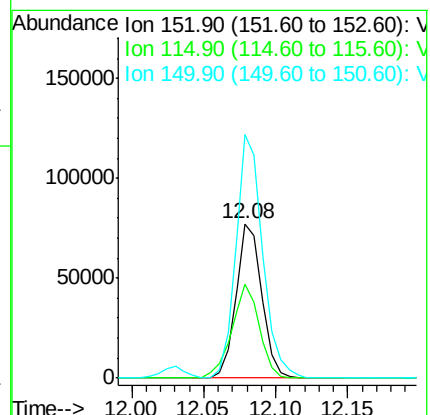
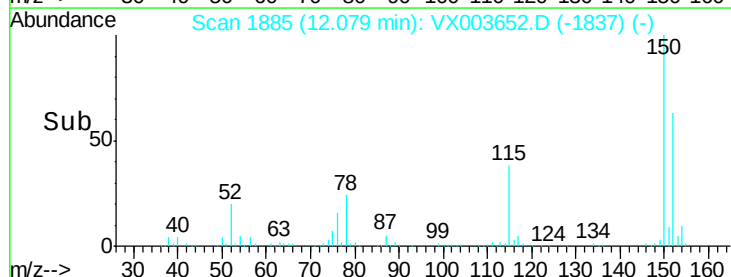
152 100

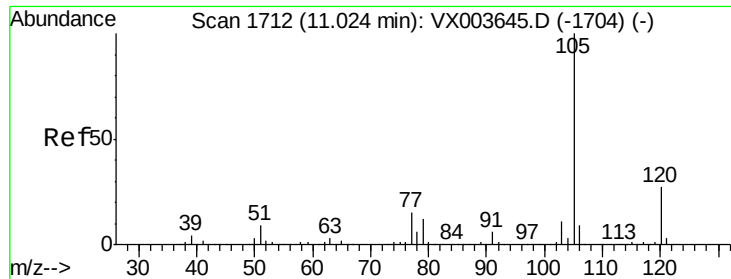
115 65.6 40.0 119.9

150 164.1 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.919 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

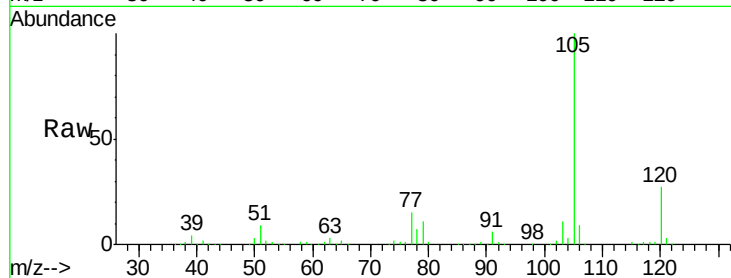
VX0725MBL01

Tgt Ion: 105 Resp: 137720

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

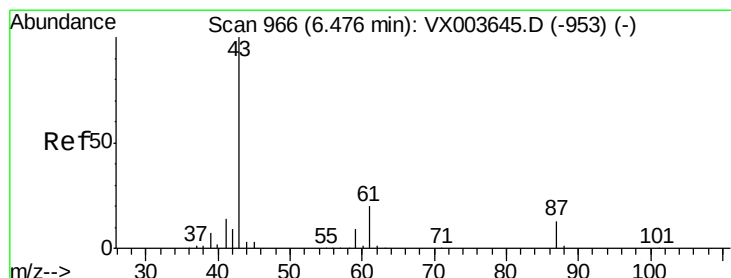
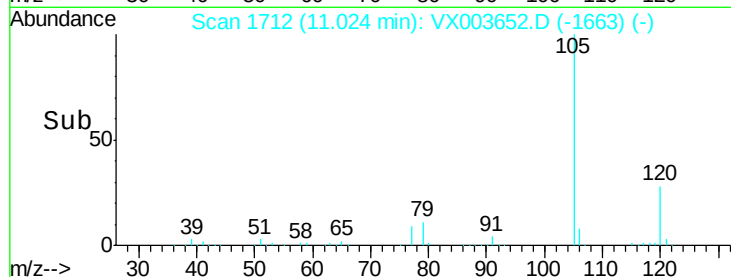
40000

20000

0

11.00 11.10

Time-->



#74

N-amyl acetate

Concen: 20.661 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Tgt Ion: 43 Resp: 70942

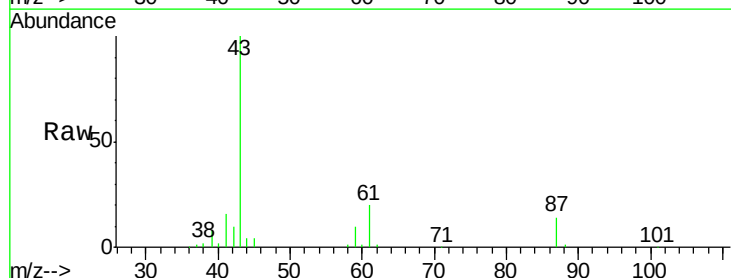
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.3 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

40000

30000

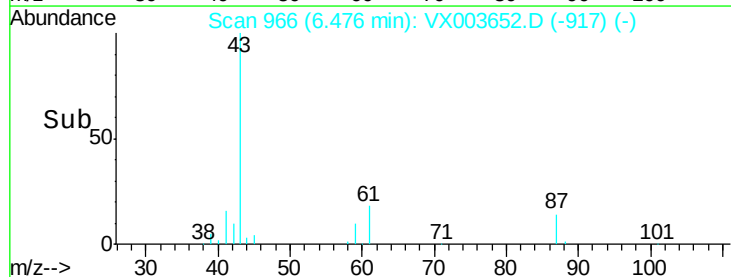
20000

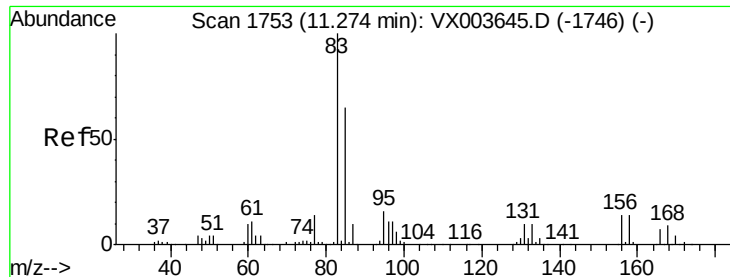
10000

0

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.694 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

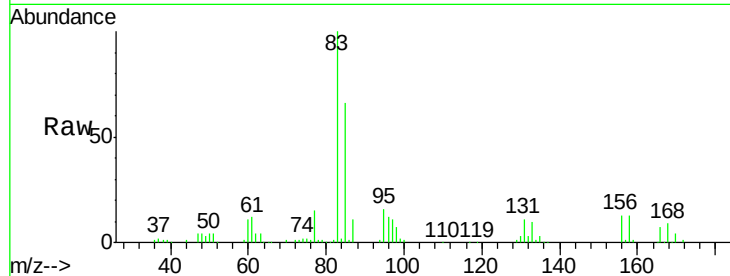
Tgt Ion: 83 Resp: 47879

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

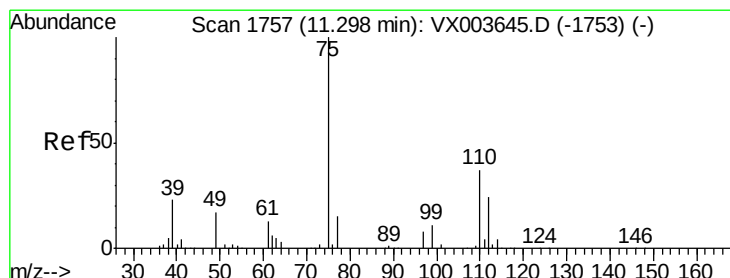
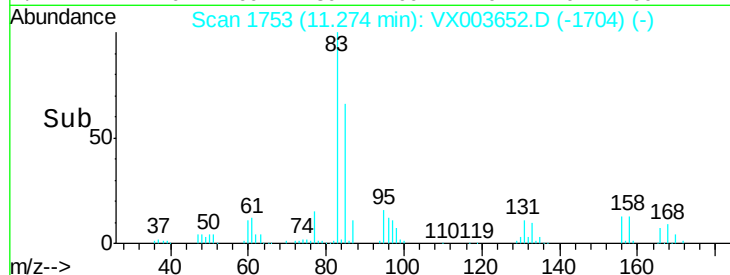
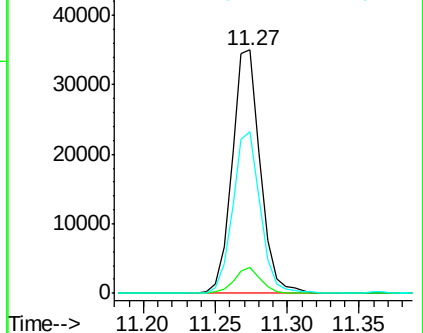
85 65.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.149 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003652.D

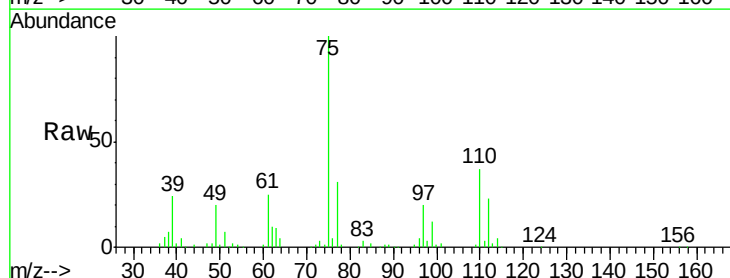
Acq: 24 Jul 2018 21:35

Tgt Ion: 75 Resp: 52849

Ion Ratio Lower Upper

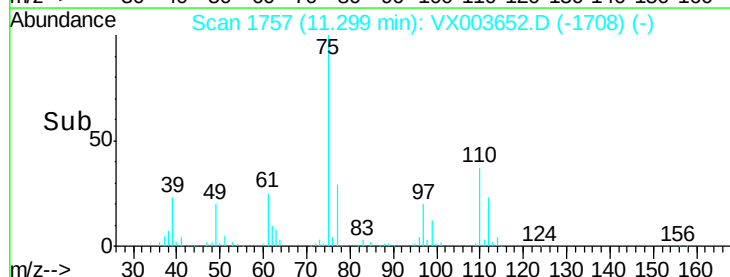
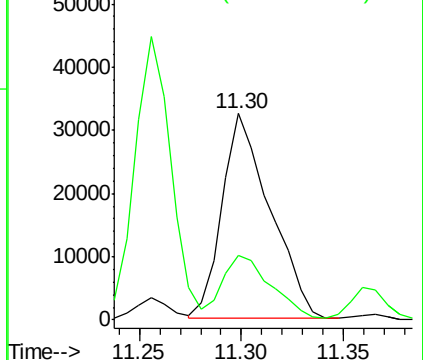
75 100

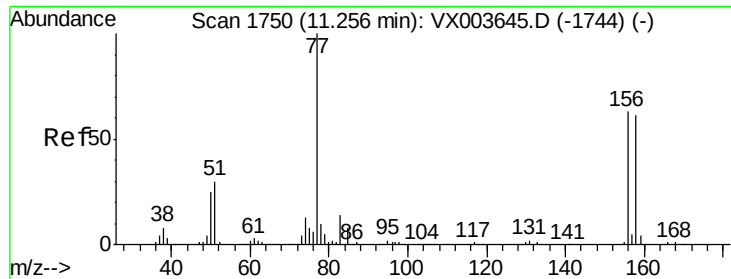
77 32.5 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.460 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

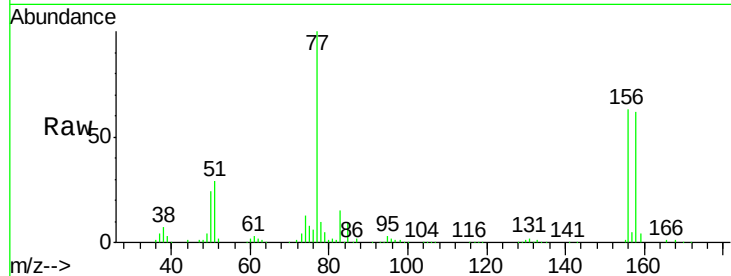
Tgt Ion:156 Resp: 36583

Ion Ratio Lower Upper

156 100

77 151.6 74.9 224.6

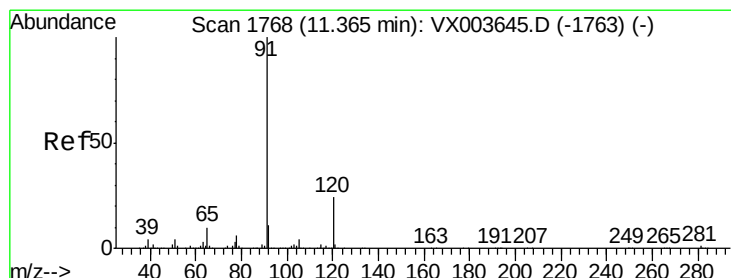
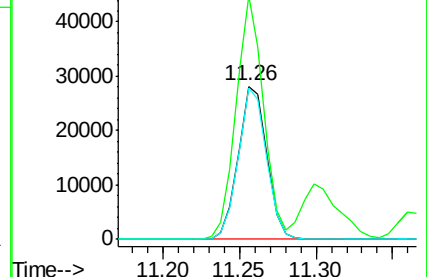
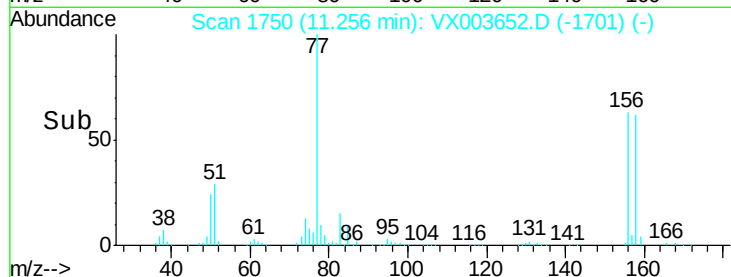
158 97.3 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.898 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003652.D

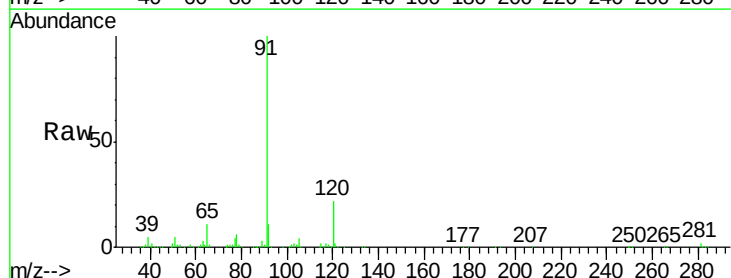
Acq: 24 Jul 2018 21:35

Tgt Ion: 91 Resp: 158859

Ion Ratio Lower Upper

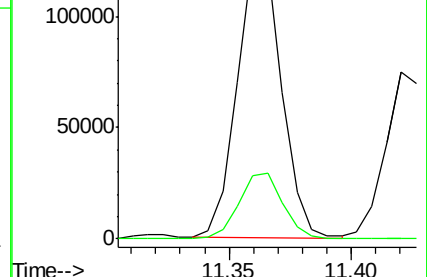
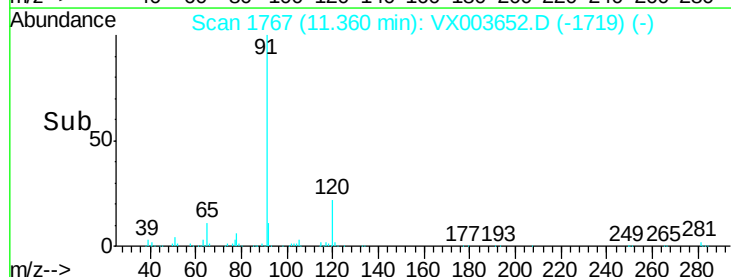
91 100

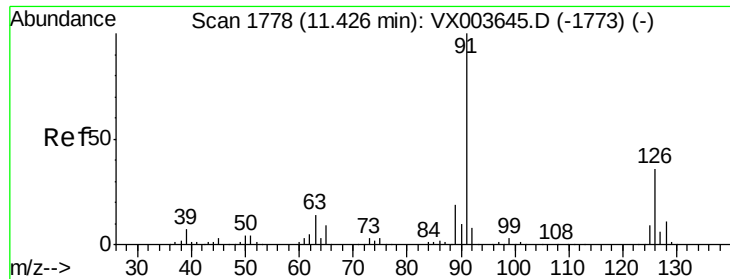
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

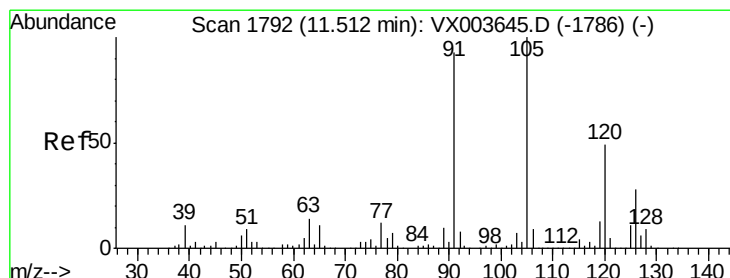
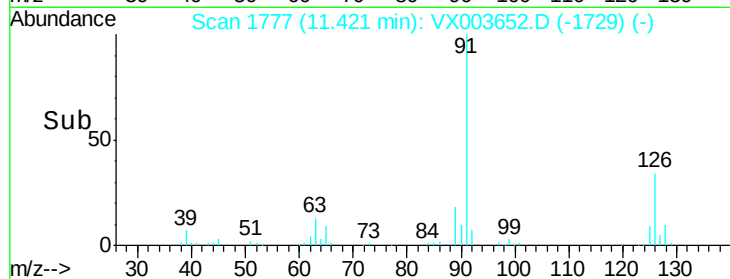
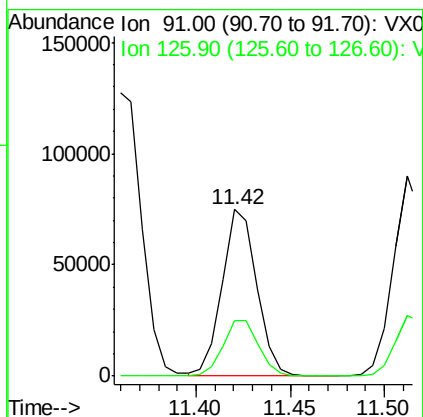
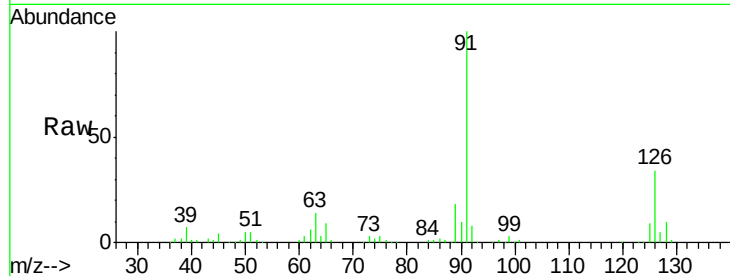




#79
 2-Chlorotoluene
 Concen: 20.550 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

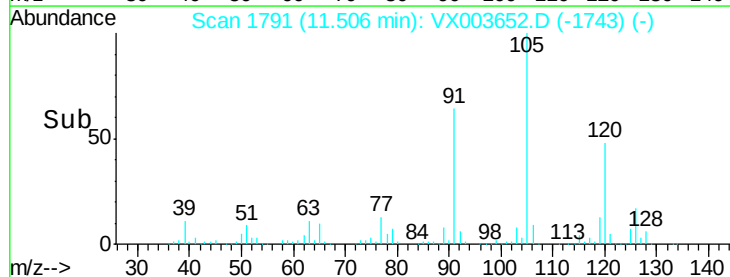
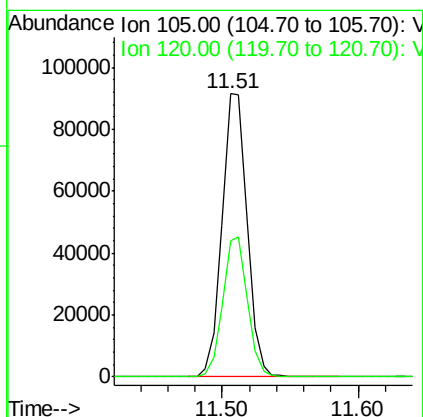
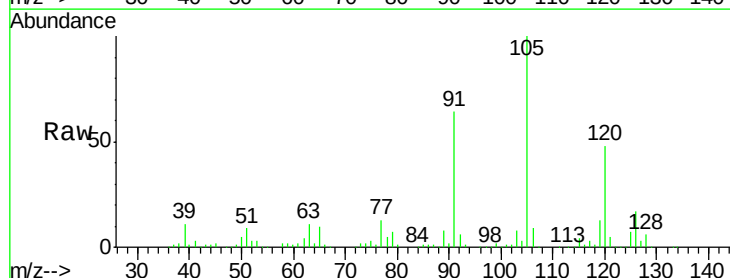
Instrument :
 MSVOA_X
 ClientSampled :
 VX0725MBL01

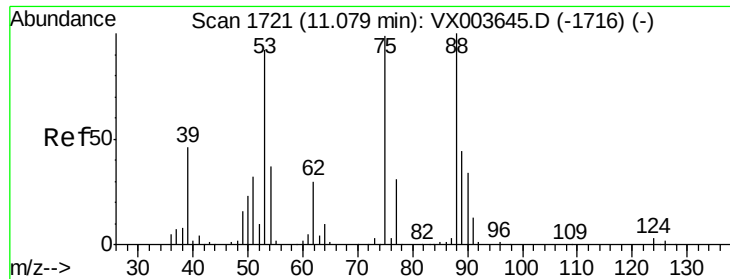
Tgt Ion: 91 Resp: 94947
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 21.015 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion: 105 Resp: 117049
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.525 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

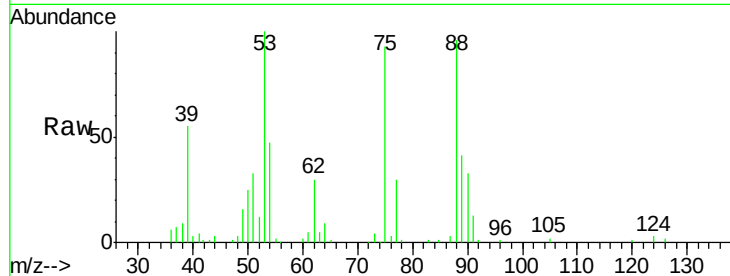
Tgt Ion: 75 Resp: 12084

Ion Ratio Lower Upper

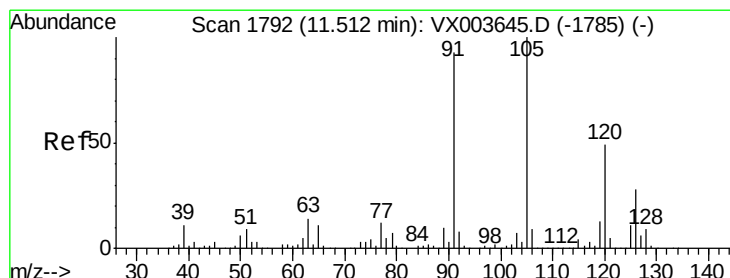
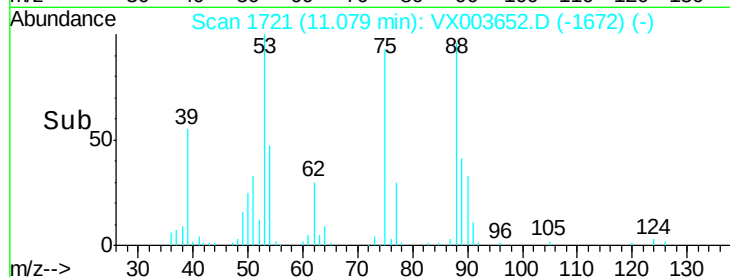
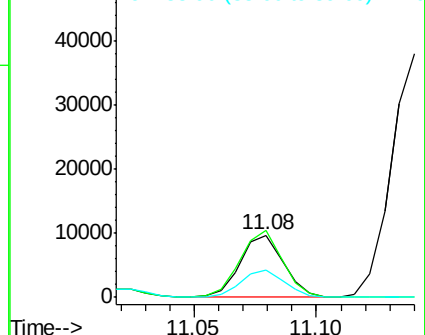
75 100

53 106.0 77.8 116.8

89 44.8 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.497 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003652.D

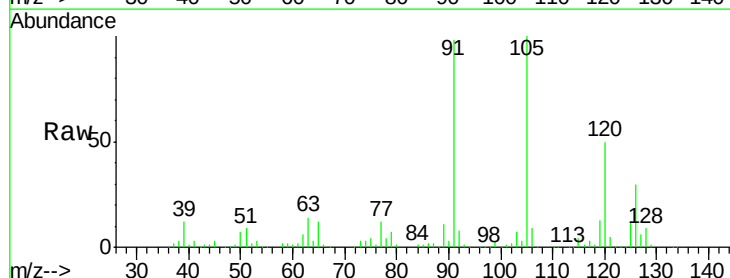
Acq: 24 Jul 2018 21:35

Tgt Ion: 91 Resp: 111554

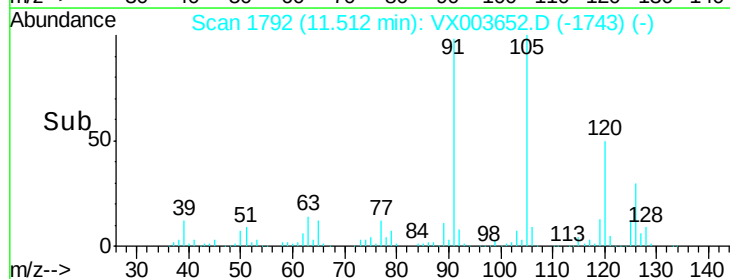
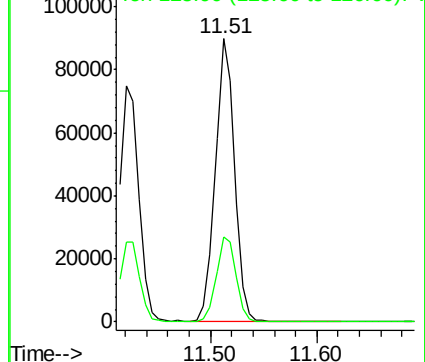
Ion Ratio Lower Upper

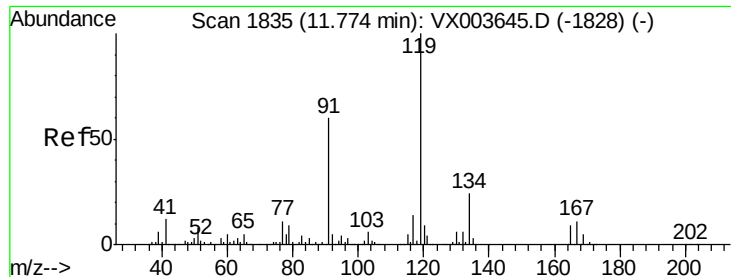
91 100

126 30.7 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

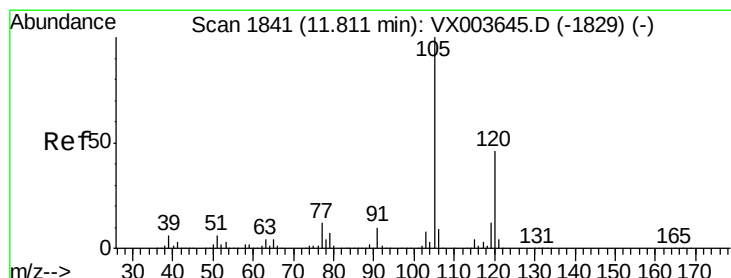
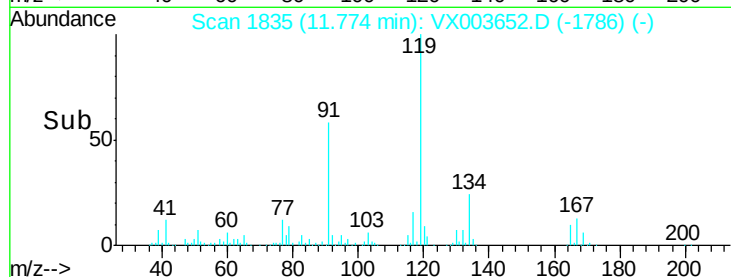
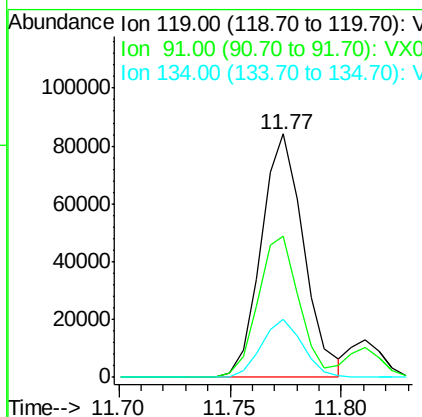
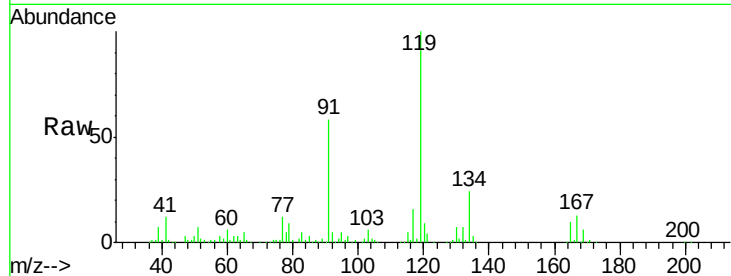




#83
 tert-Butylbenzene
 Concen: 20.453 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

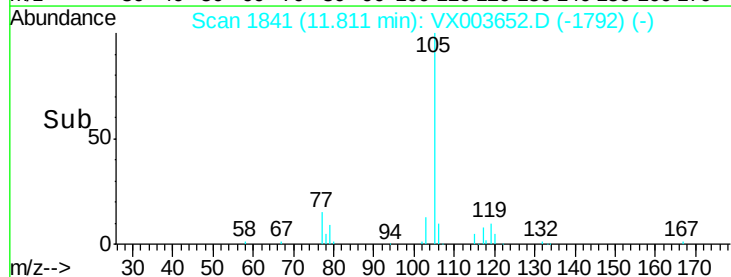
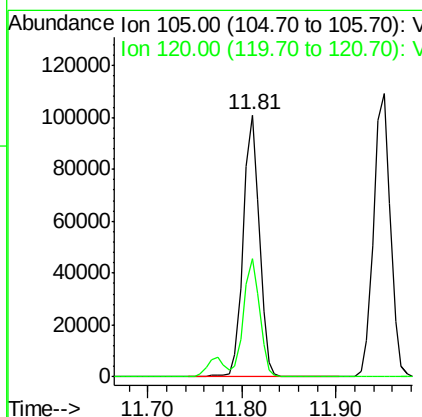
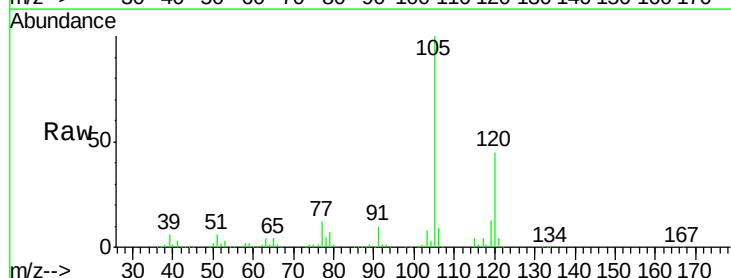
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

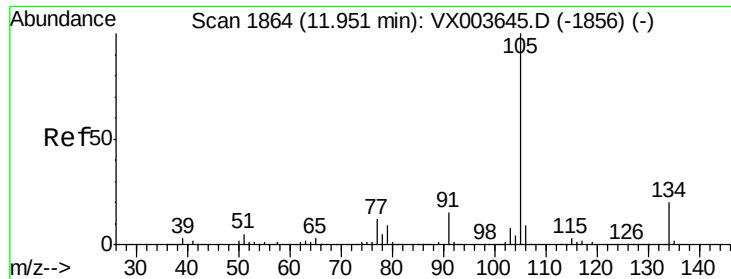
Tgt Ion:119 Resp: 111470
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.4 85.2
 134 23.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.053 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion:105 Resp: 120517
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 20.764 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

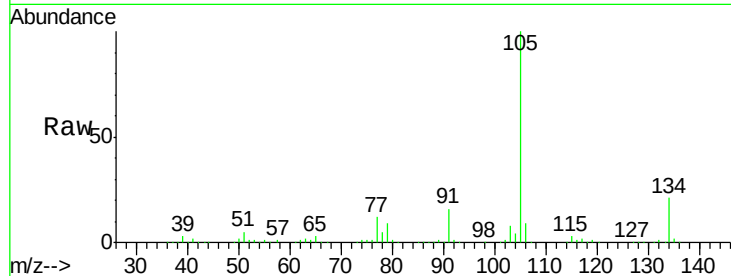
VX0725MBL01

Tgt Ion:105 Resp: 135069

Ion Ratio Lower Upper

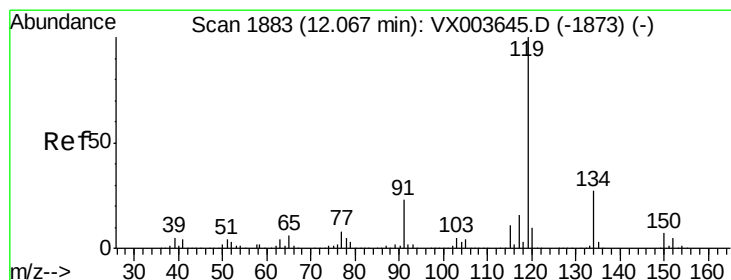
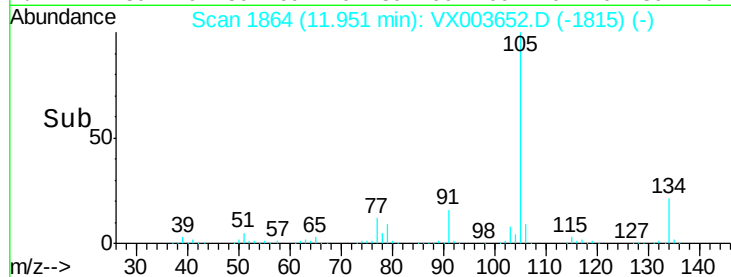
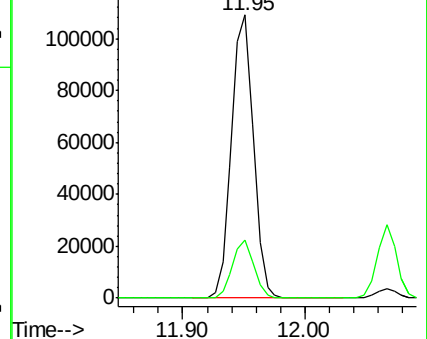
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.421 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

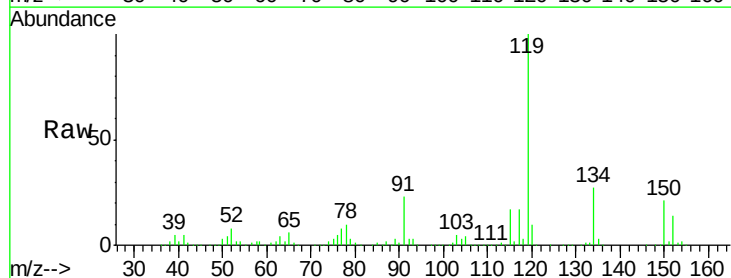
Tgt Ion:119 Resp: 119228

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

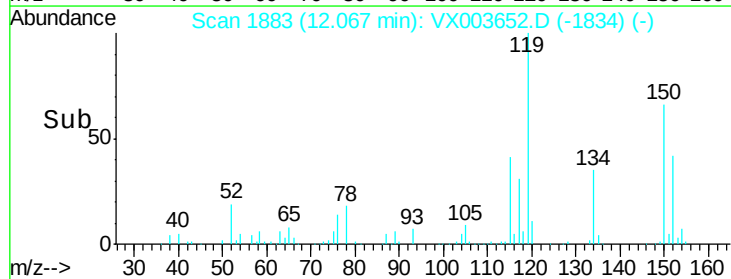
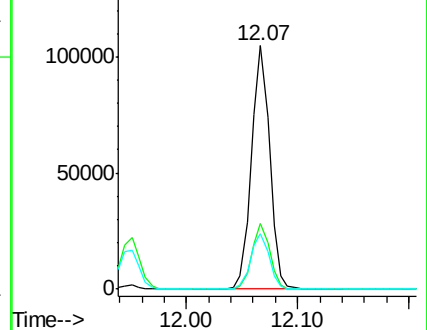
91 23.4 11.5 34.5

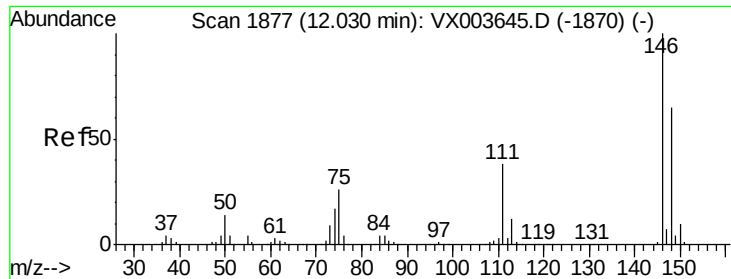


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

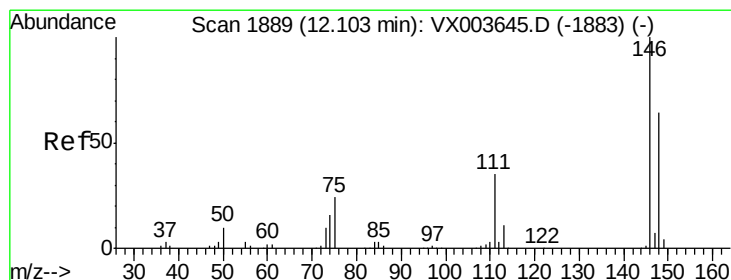
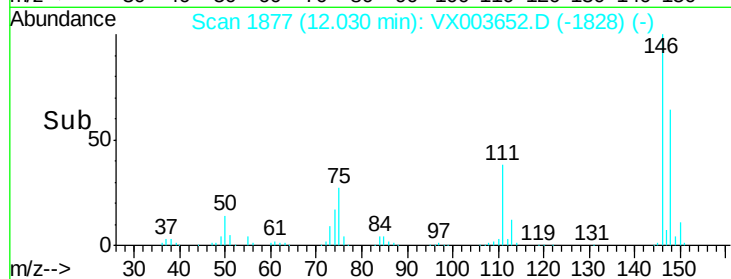
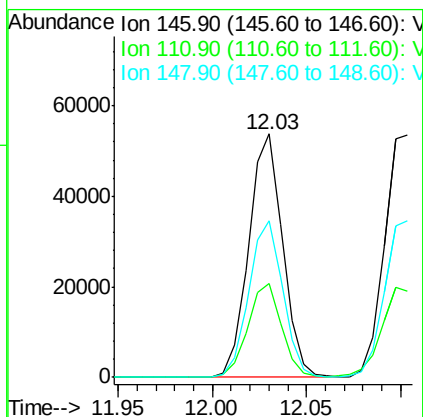
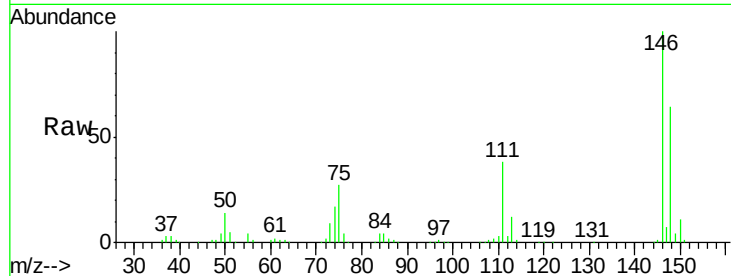




#87
 1,3-Dichlorobenzene
 Concen: 20.156 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

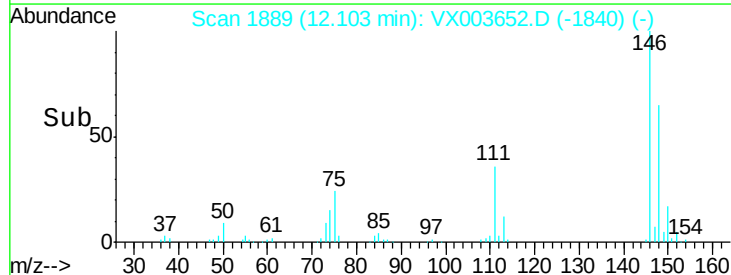
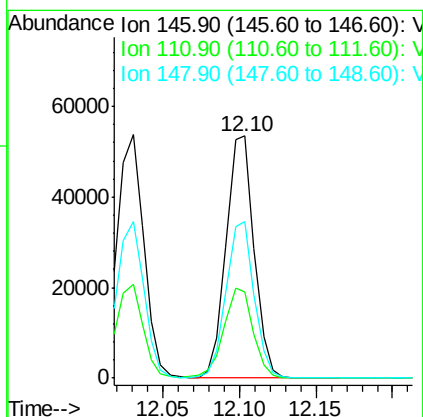
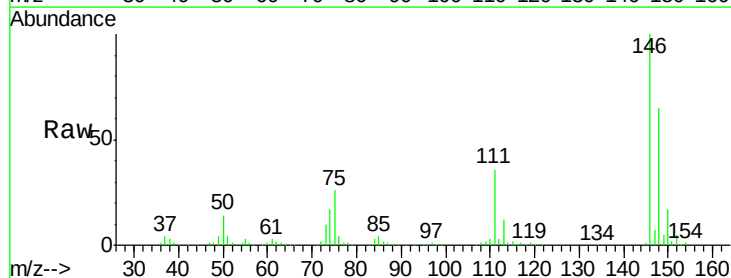
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

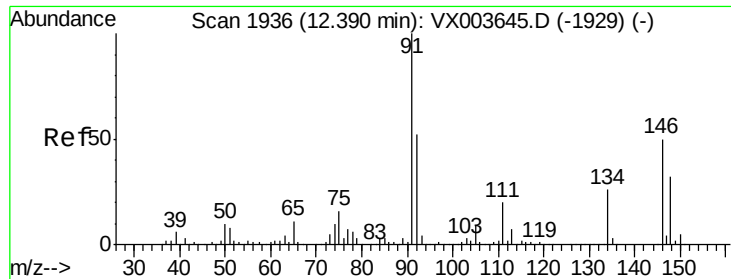
Tgt Ion:146 Resp: 67120
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.2
 148 64.7 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.690 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion:146 Resp: 68169
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.6 55.6
 148 64.9 32.0 96.2

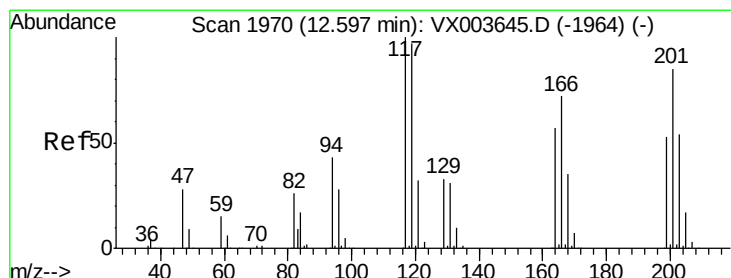
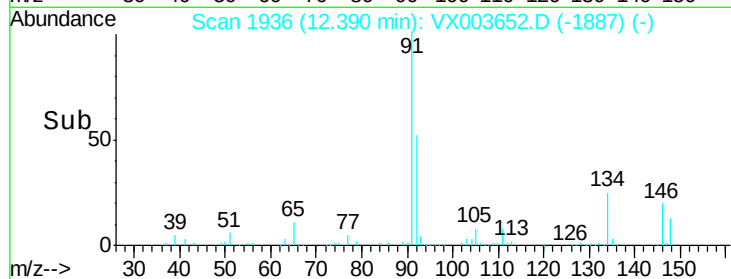
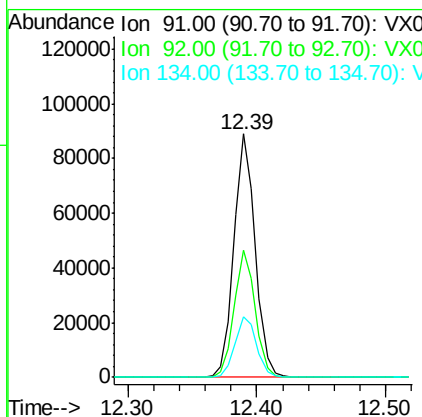
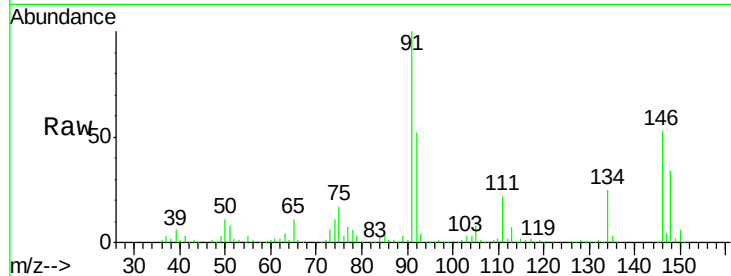




#89
n-Butylbenzene
Concen: 19.525 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

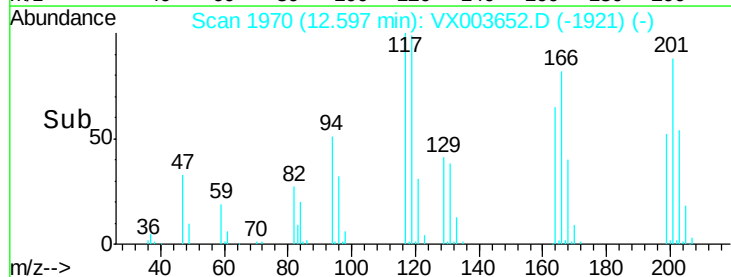
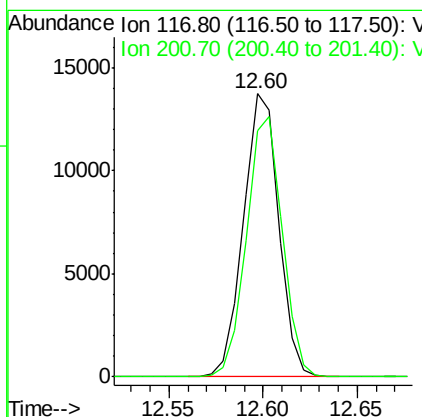
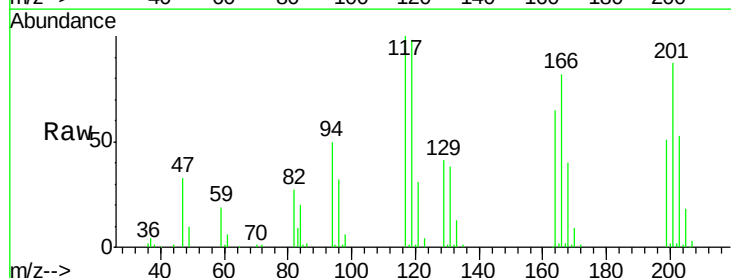
Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

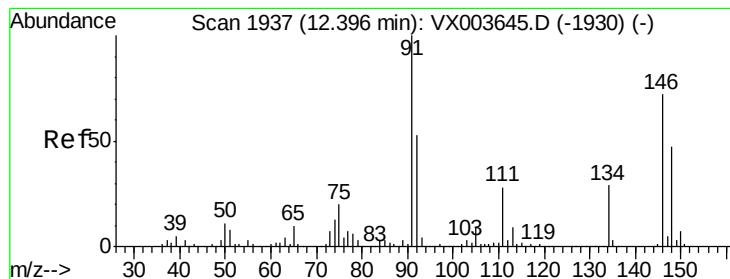
Tgt Ion: 91 Resp: 102748
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 25.6 13.3 39.8



#90
Hexachloroethane
Concen: 20.174 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 117 Resp: 17838
Ion Ratio Lower Upper
117 100
201 93.0 46.2 138.5





#91

1,2-Dichlorobenzene

Concen: 19.815 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

Instrument :

MSVOA_X

ClientSampleId :

VX0725MBL01

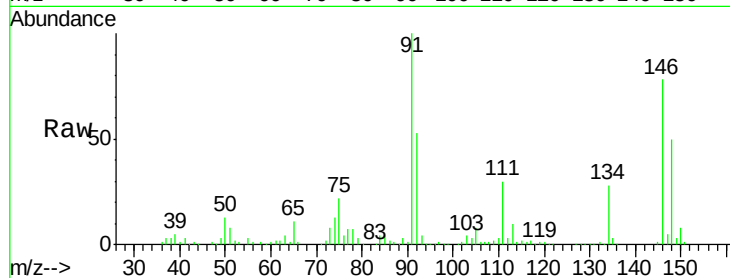
Tgt Ion:146 Resp: 67417

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.4

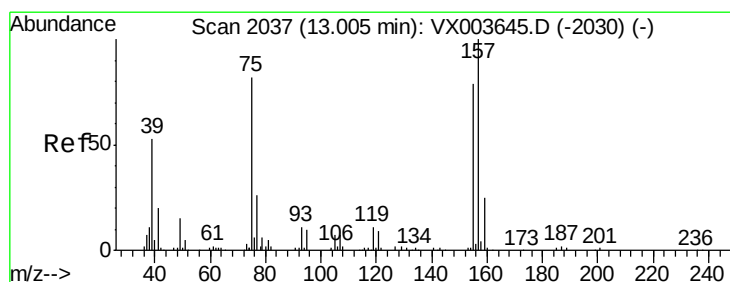
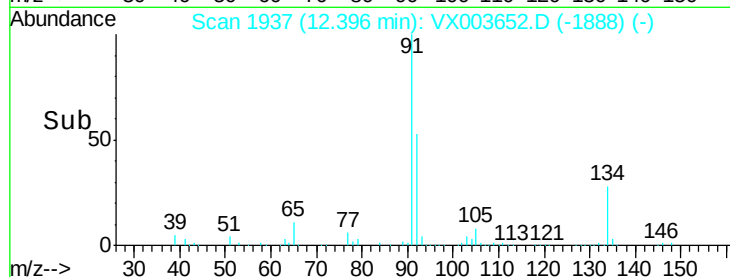
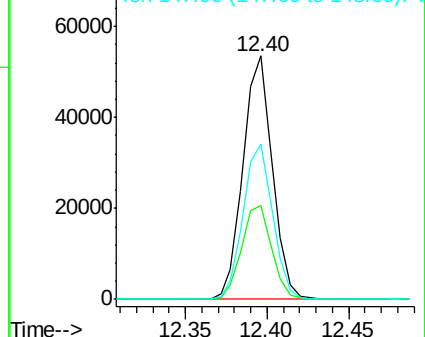
148 64.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.831 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003652.D

Acq: 24 Jul 2018 21:35

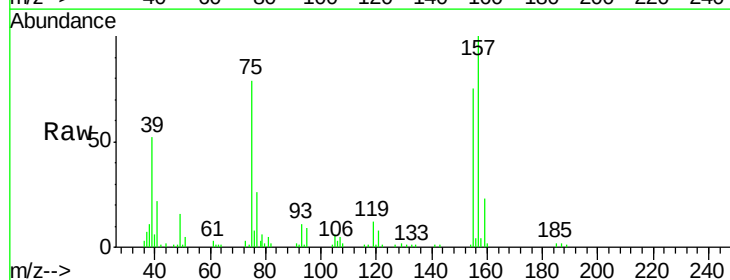
Tgt Ion: 75 Resp: 10036

Ion Ratio Lower Upper

75 100

155 92.0 46.1 138.3

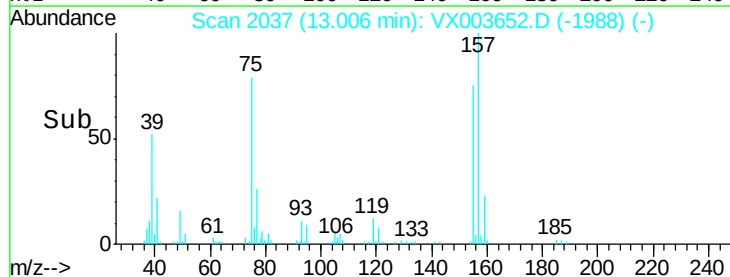
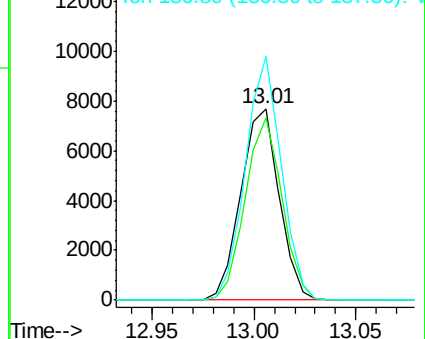
157 119.4 59.7 179.0

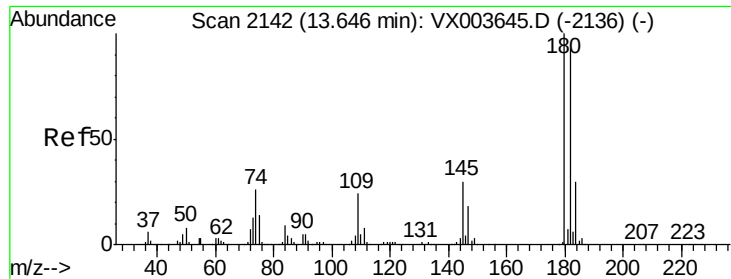


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

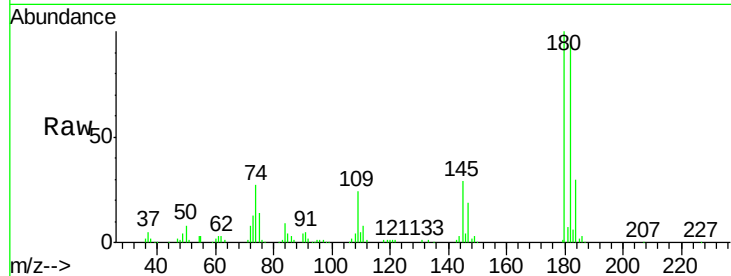




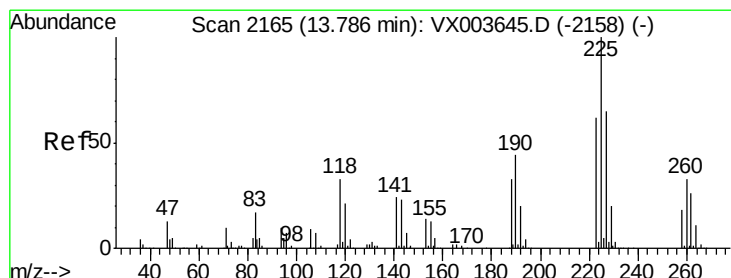
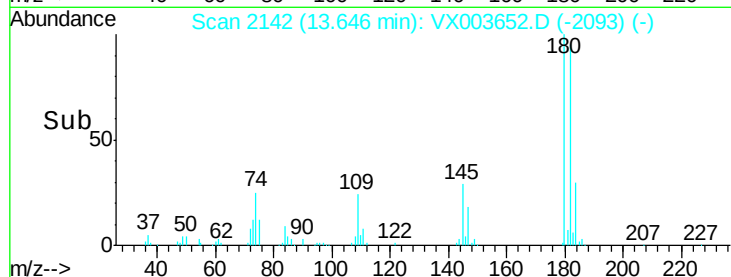
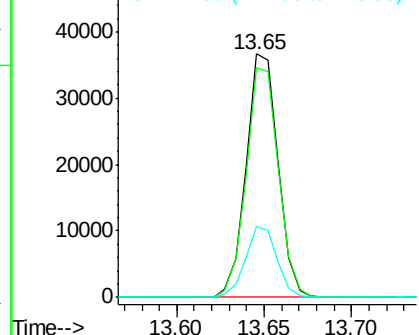
#93
 1,2,4-Trichlorobenzene
 Concen: 19.124 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725MBL01

Tgt Ion:180 Resp: 46428
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.8
 145 28.3 14.4 43.2

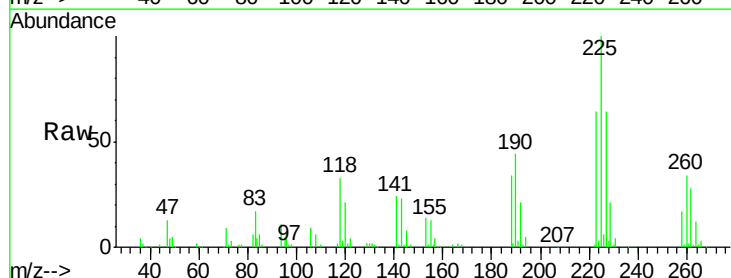


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

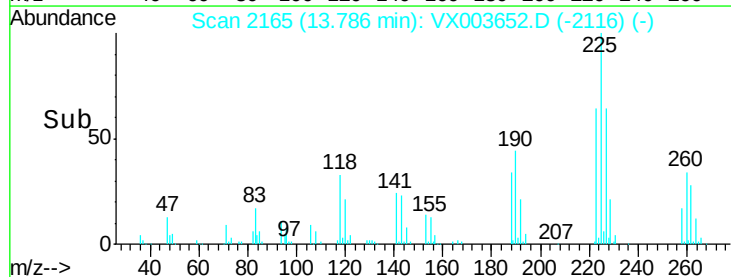
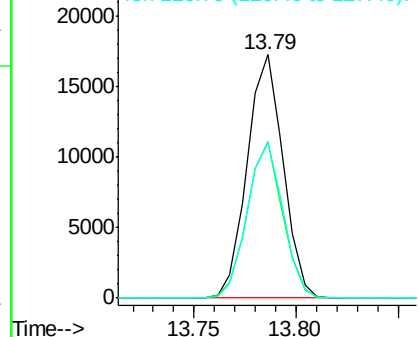


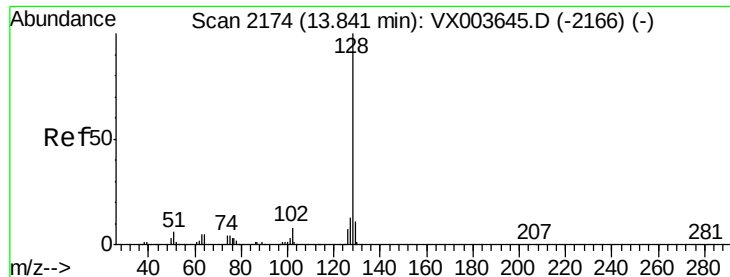
#94
 Hexachlorobutadiene
 Concen: 18.802 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003652.D
 Acq: 24 Jul 2018 21:35

Tgt Ion:225 Resp: 21118
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.9 92.5
 227 63.5 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

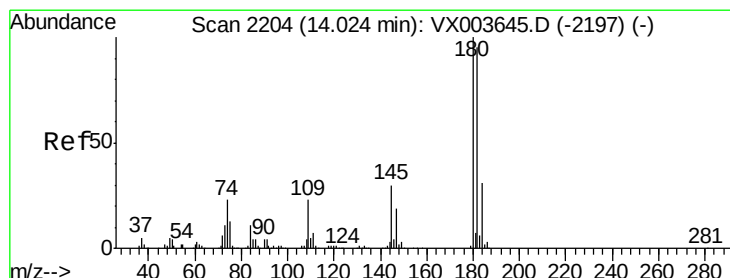
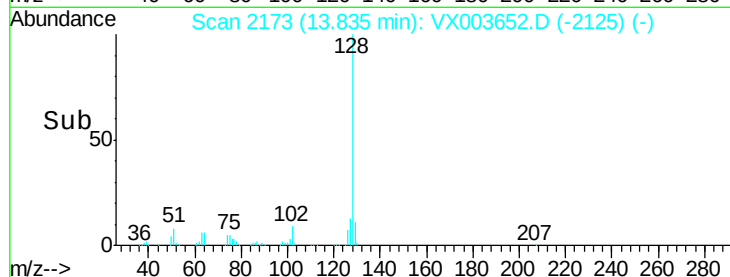
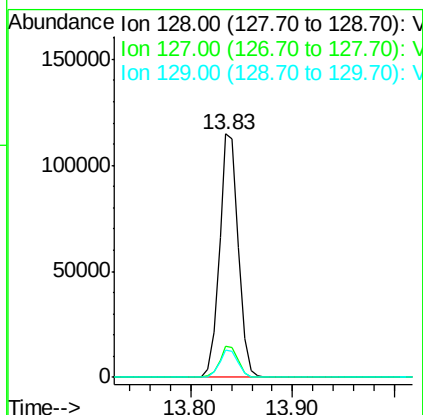
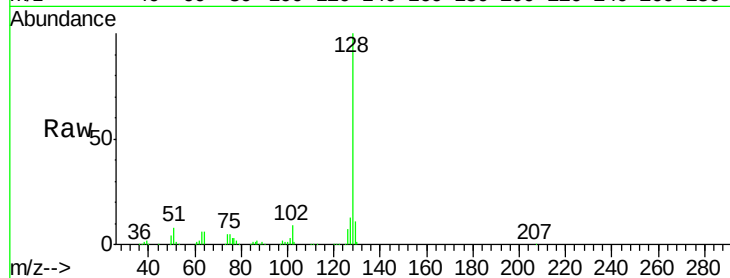




#95
Naphthalene
Concen: 20.131 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Instrument :
MSVOA_X
ClientSampleId :
VX0725MBL01

Tgt Ion:128 Resp: 147813
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.825 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003652.D
Acq: 24 Jul 2018 21:35

Tgt Ion:180 Resp: 48887
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.8
145 30.4 15.0 45.1

